**Fig. 1a**

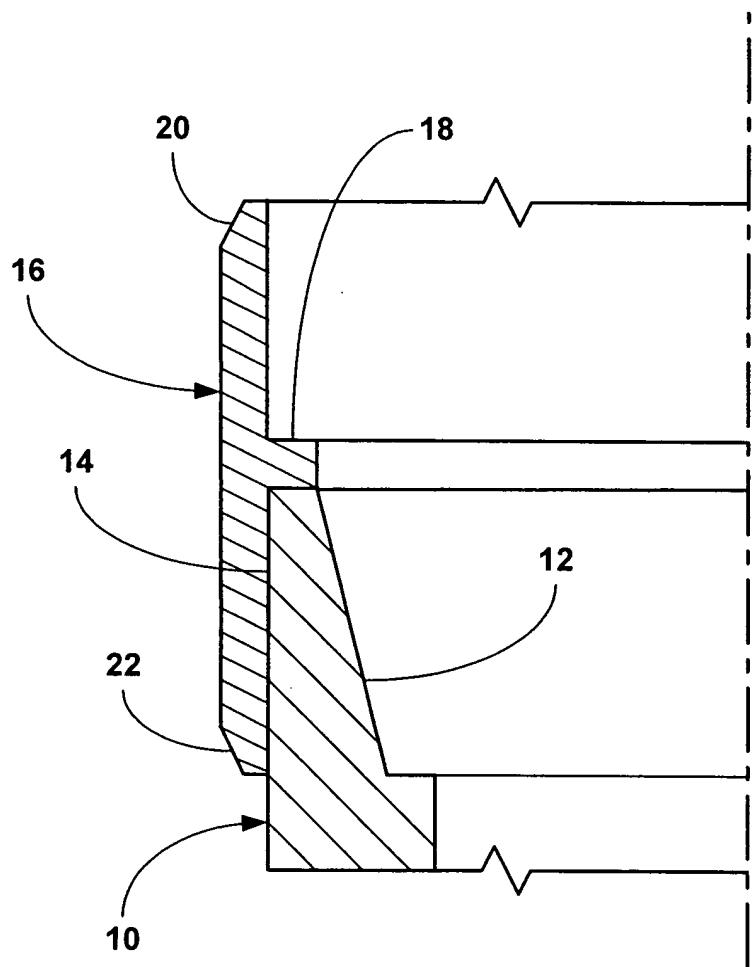


Fig. 1b

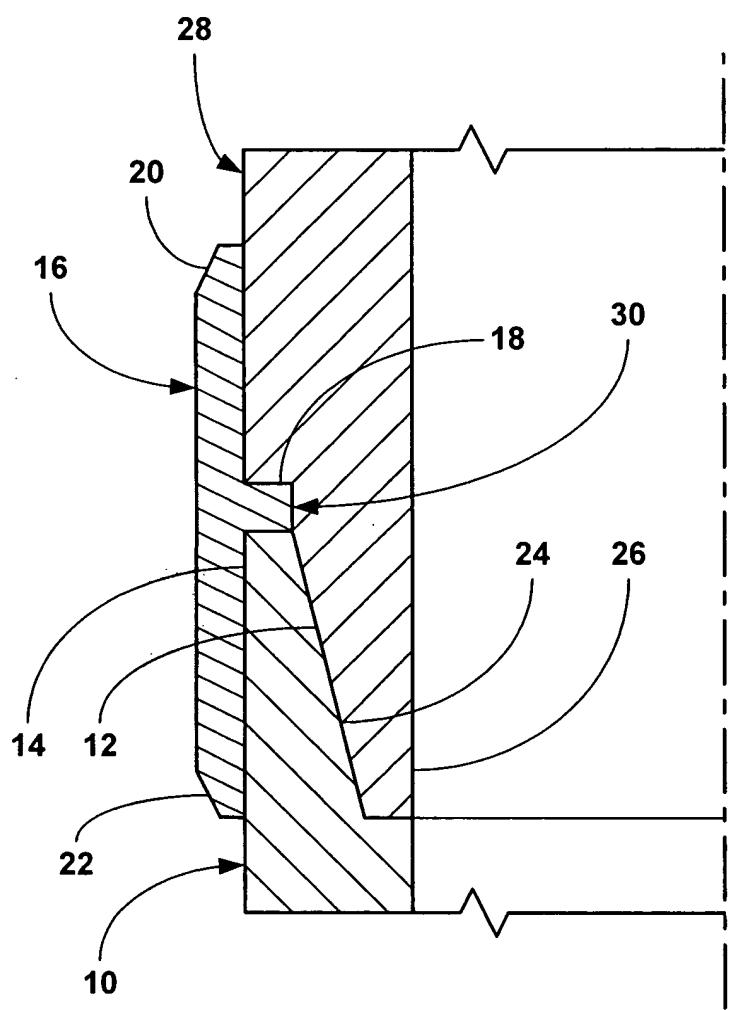


Fig. 1c

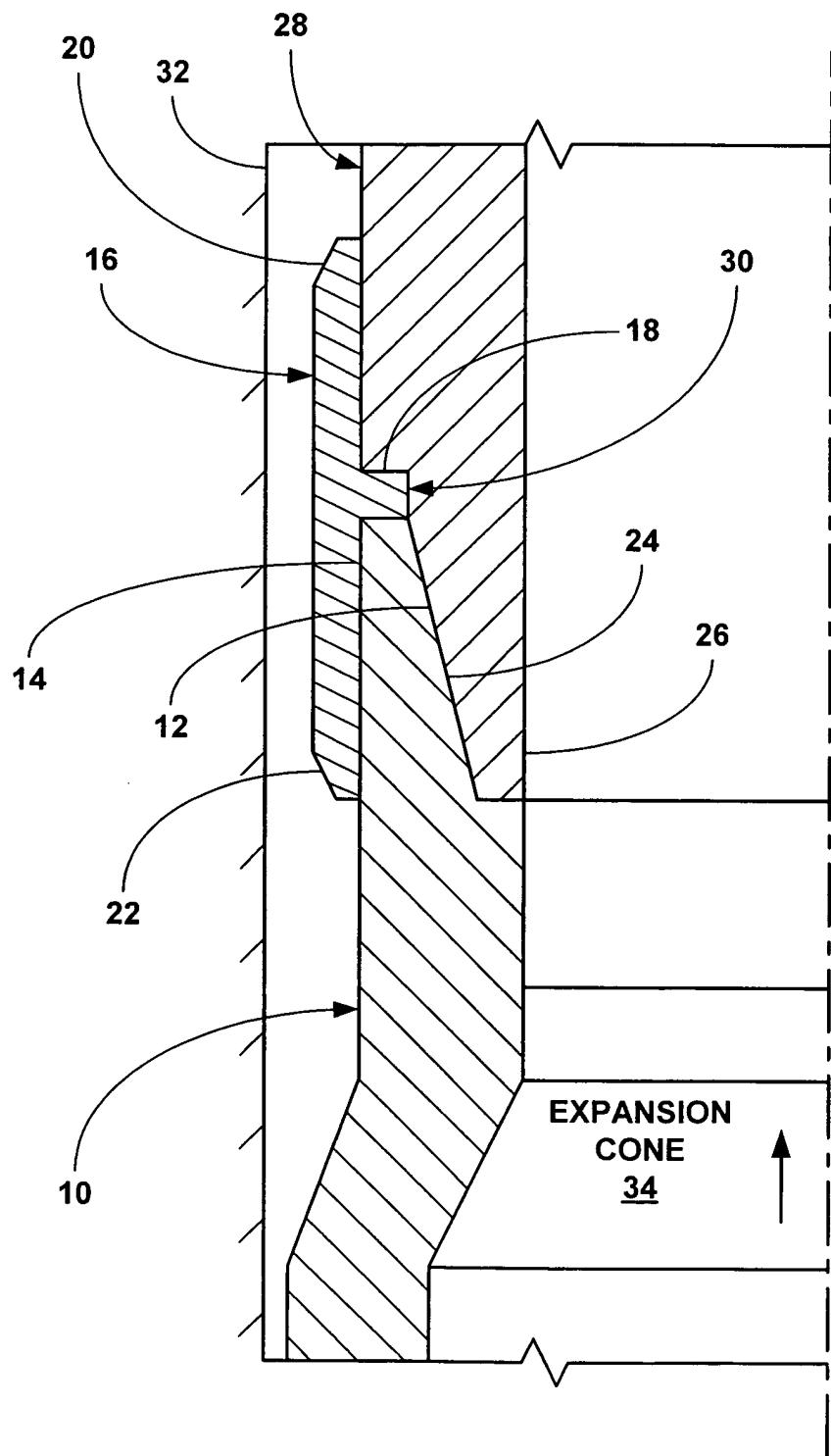


Fig. 1d

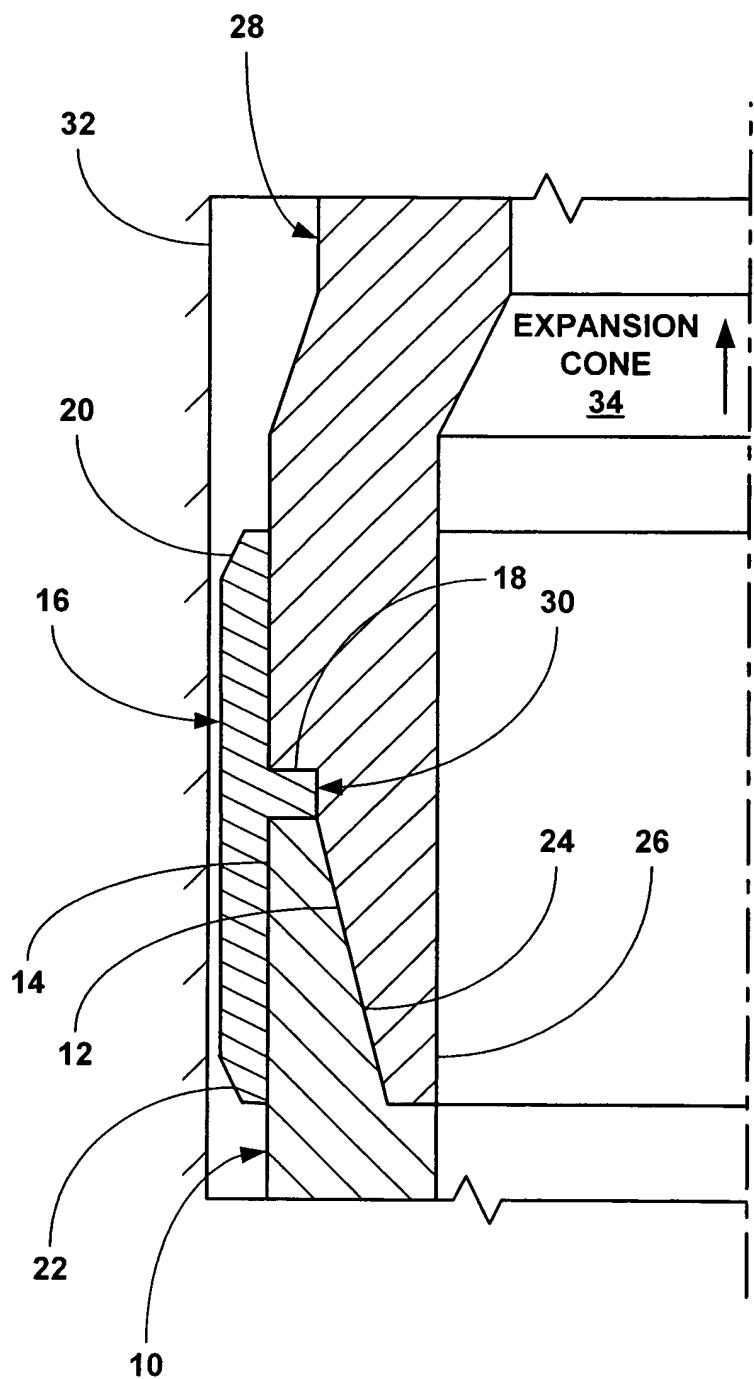


Fig. 1e

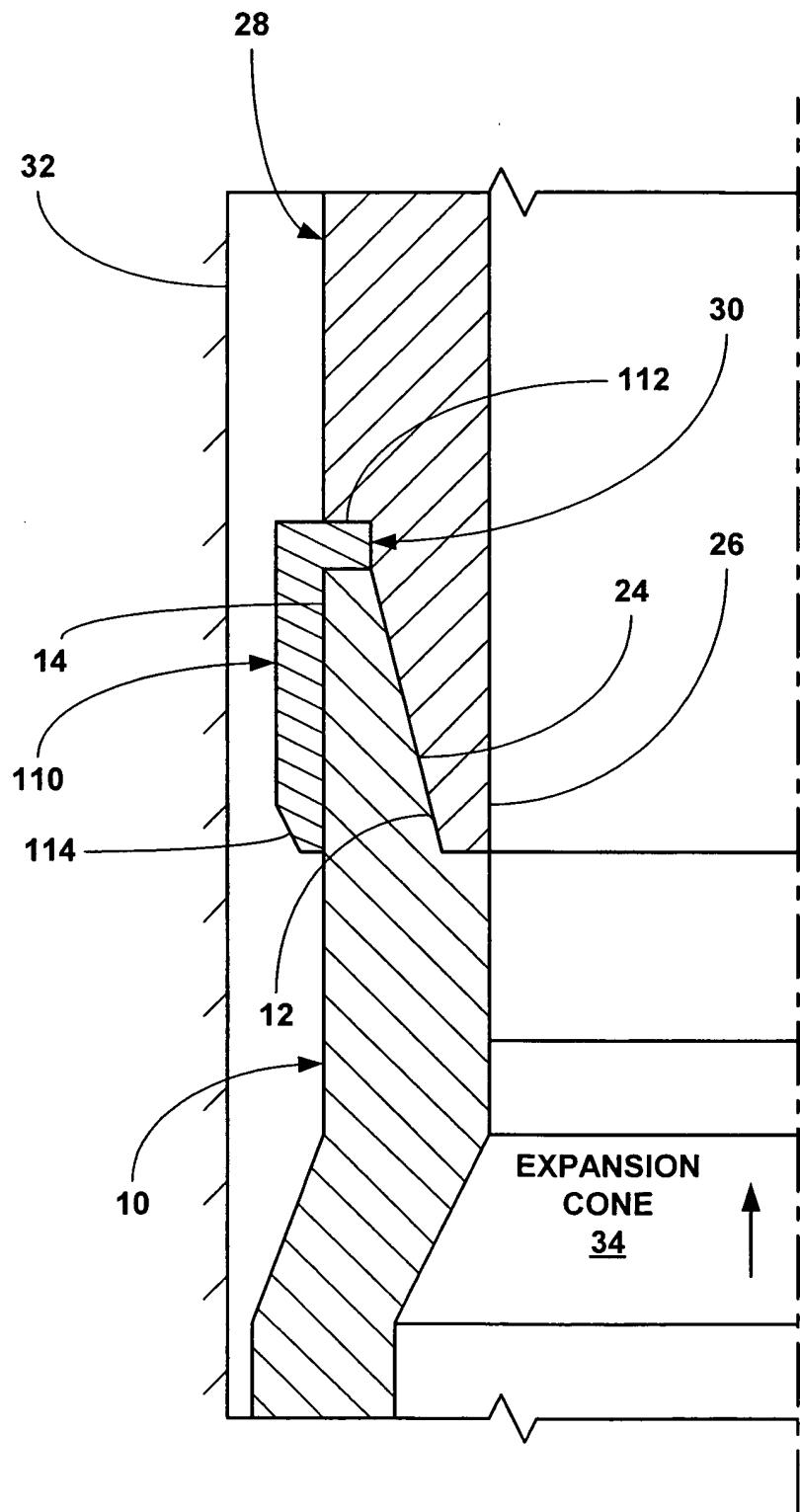


Fig. 2a

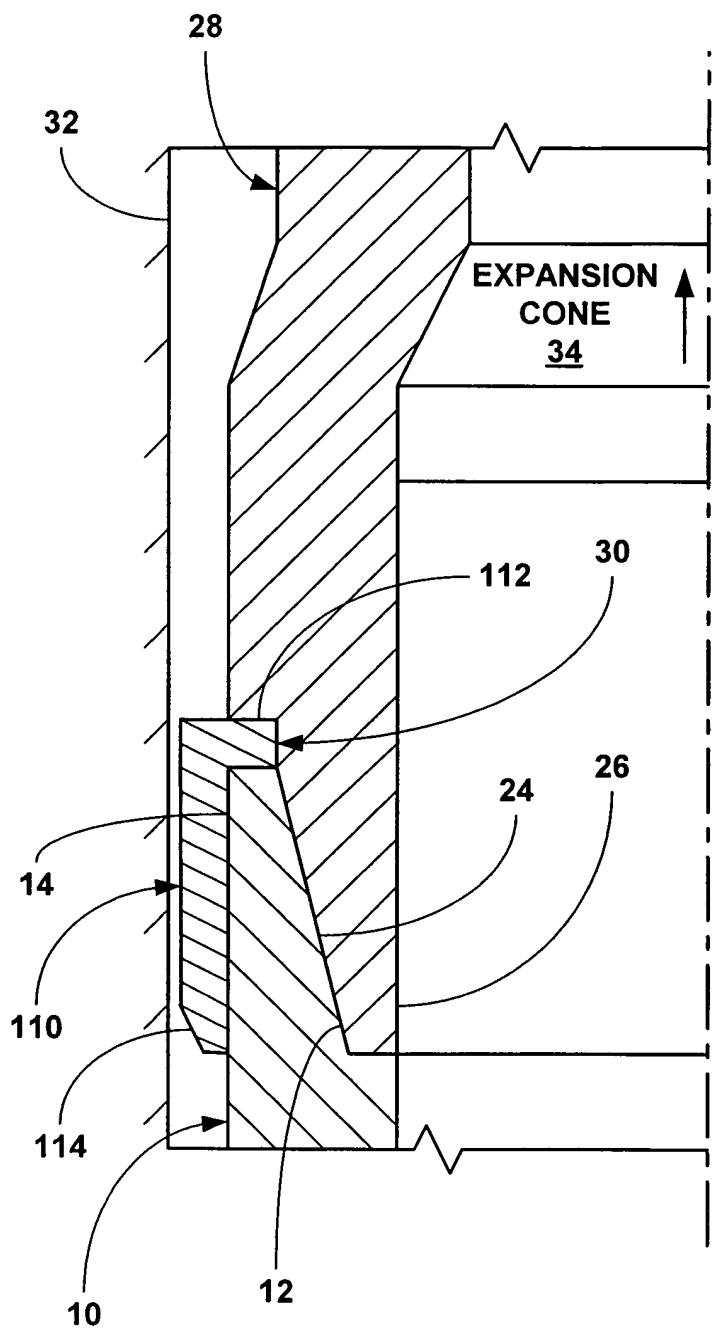


Fig. 2b

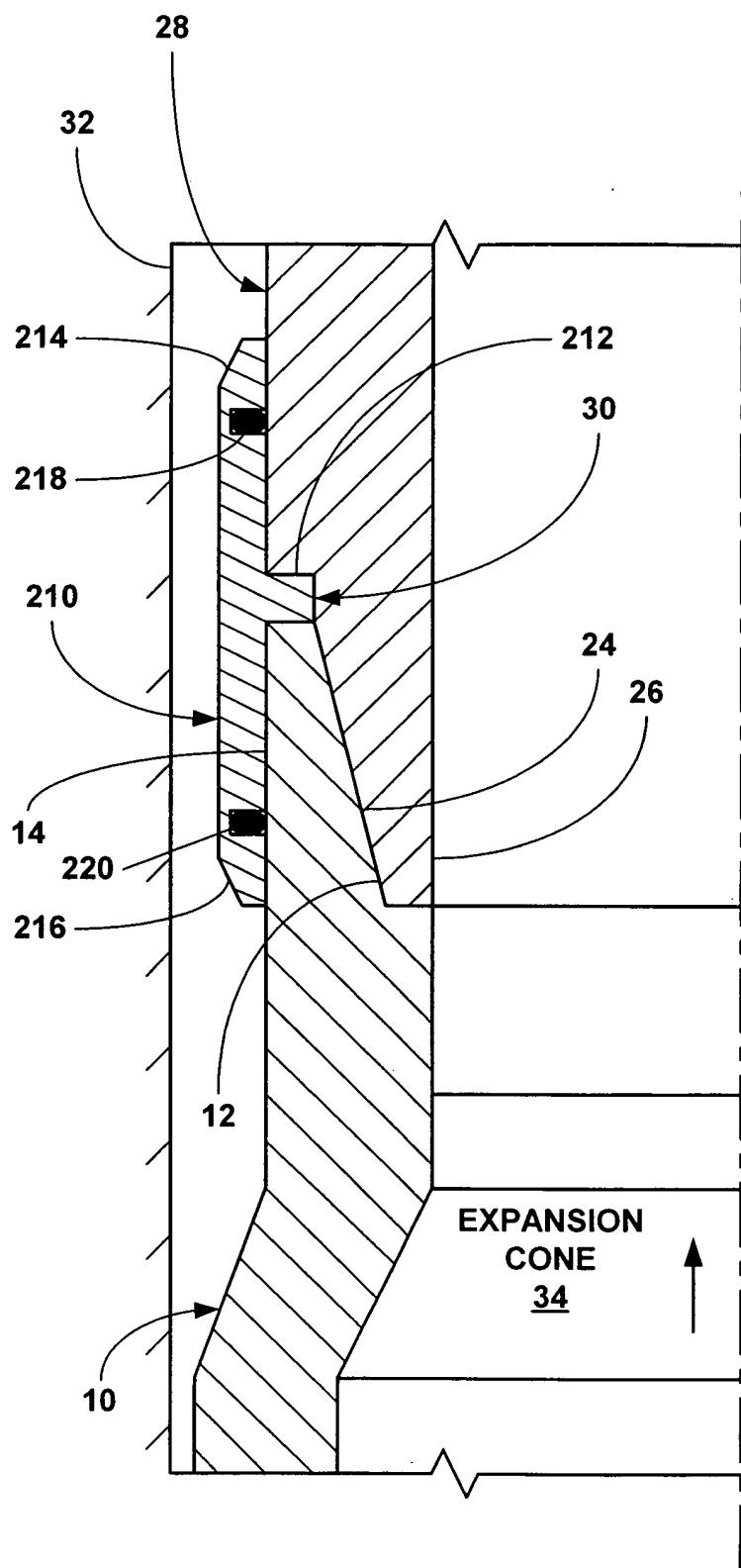


Fig. 3a

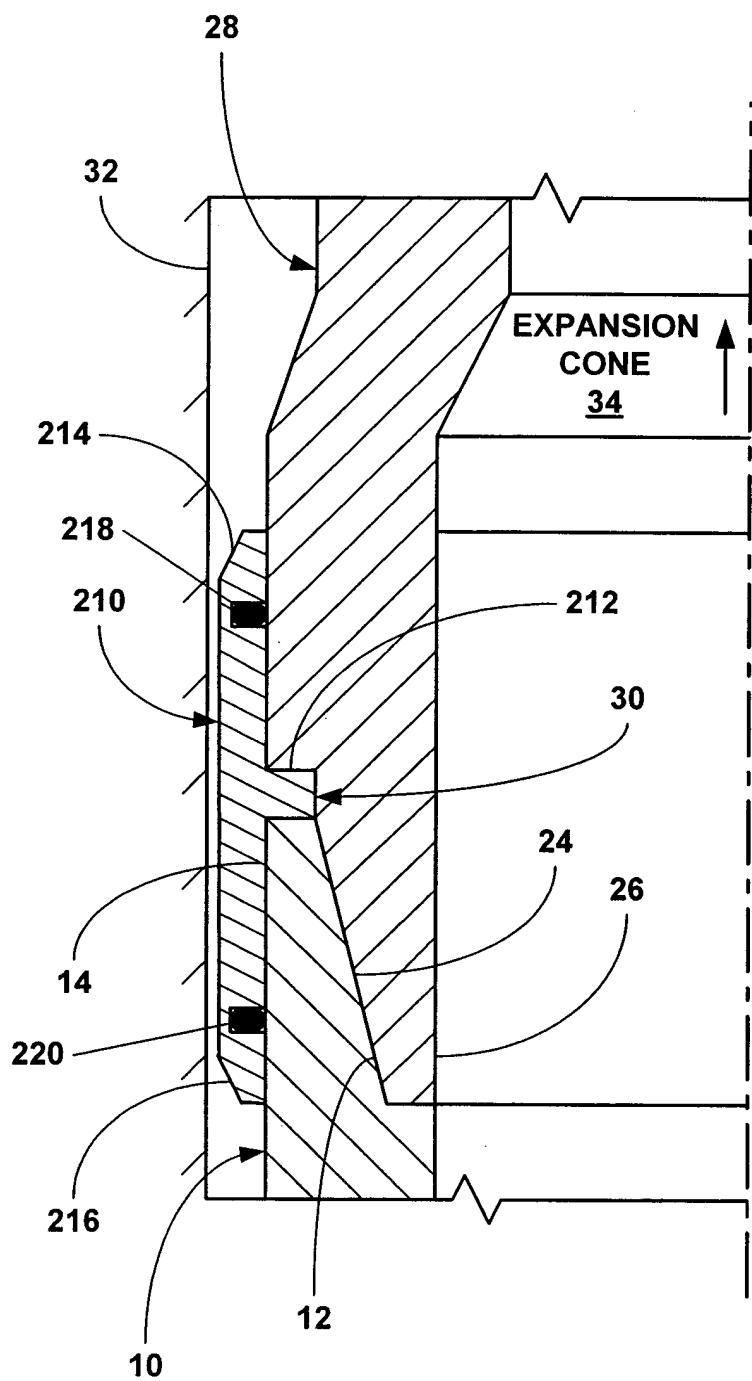
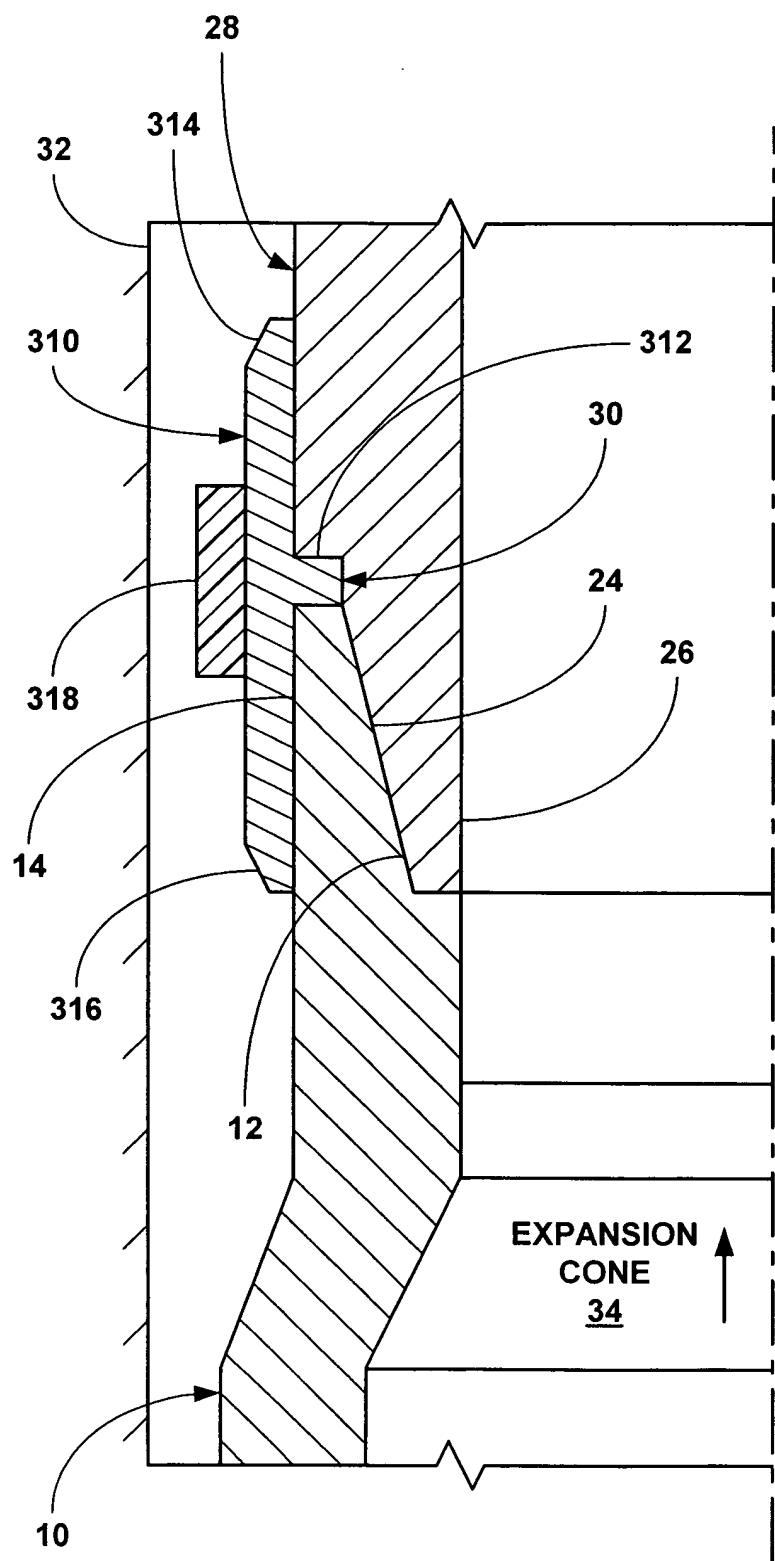


Fig. 3b



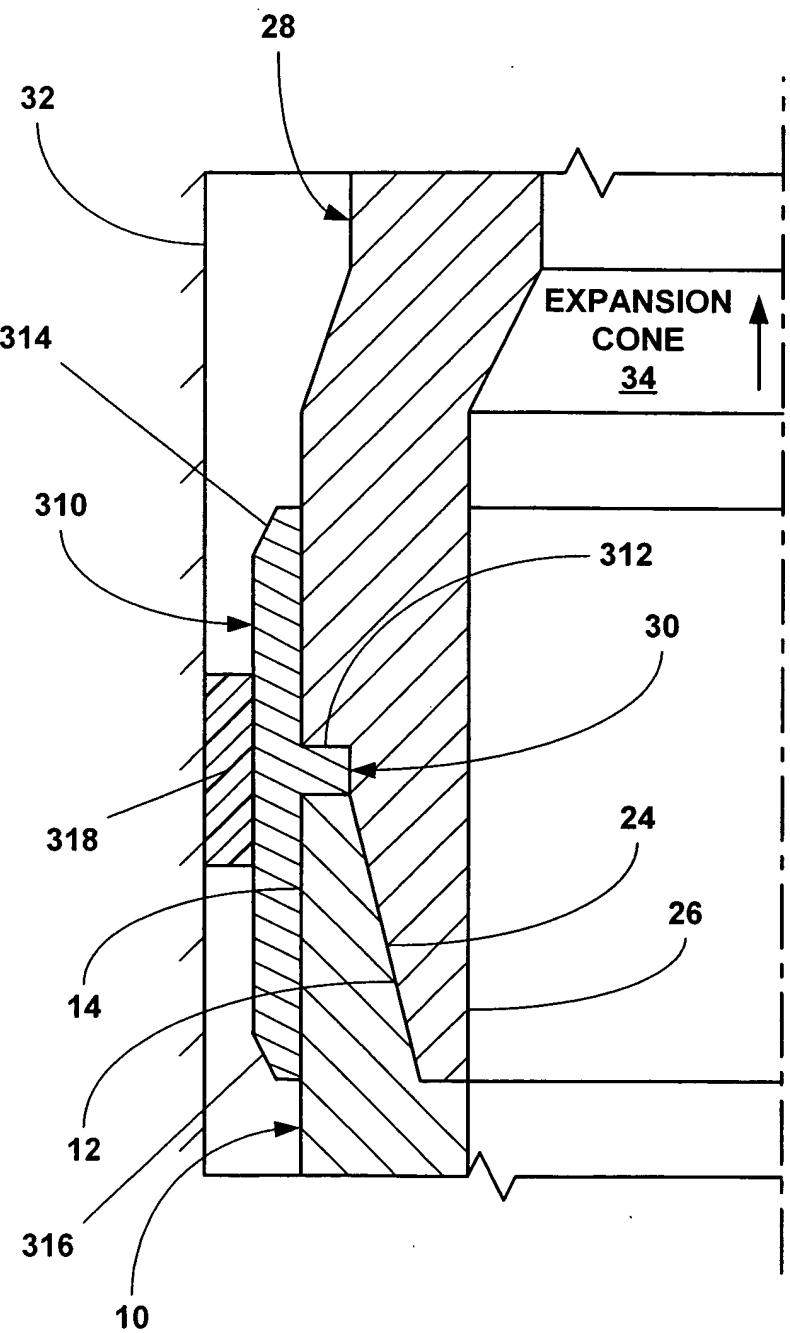


Fig. 4b

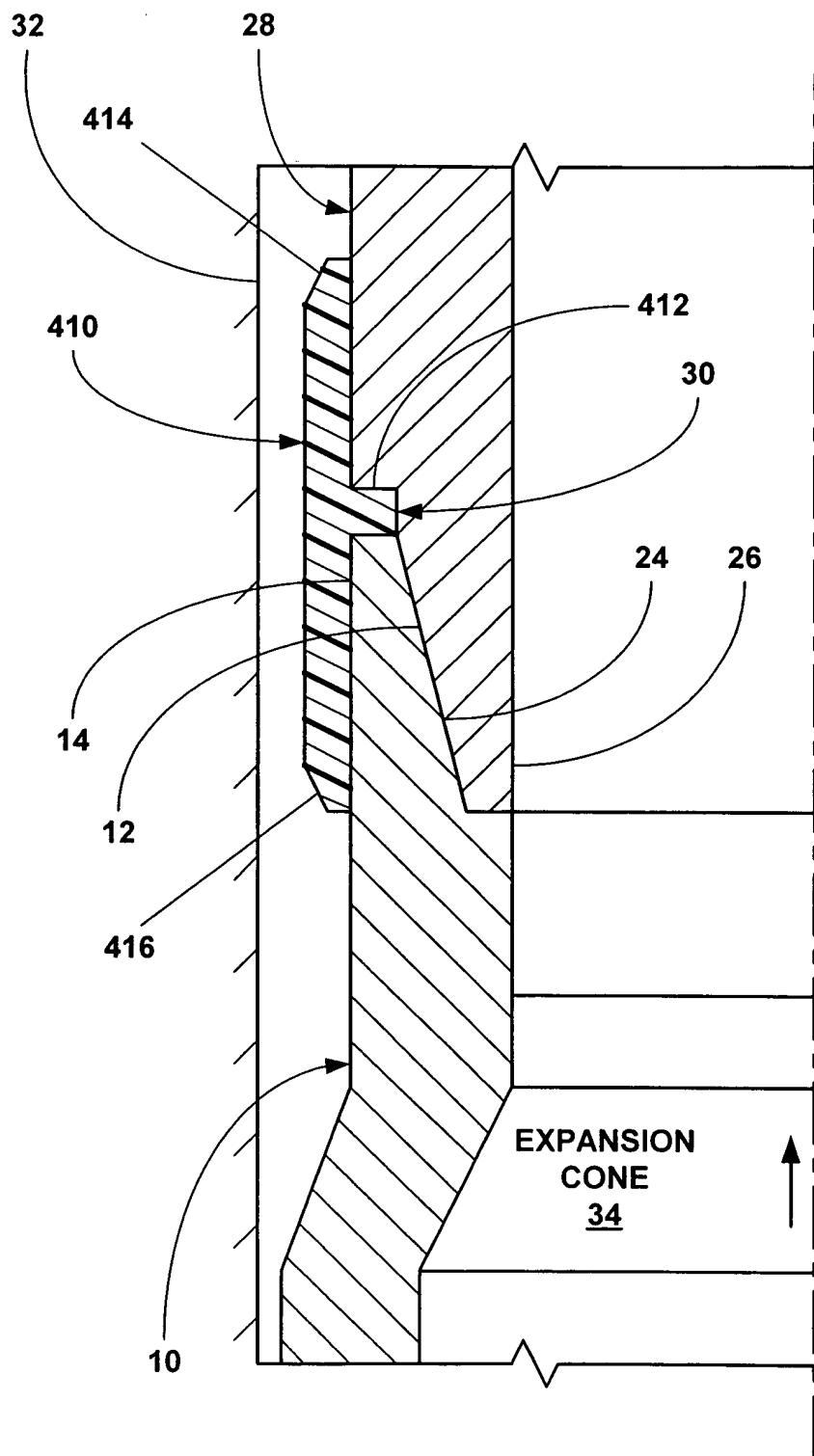


Fig. 5a

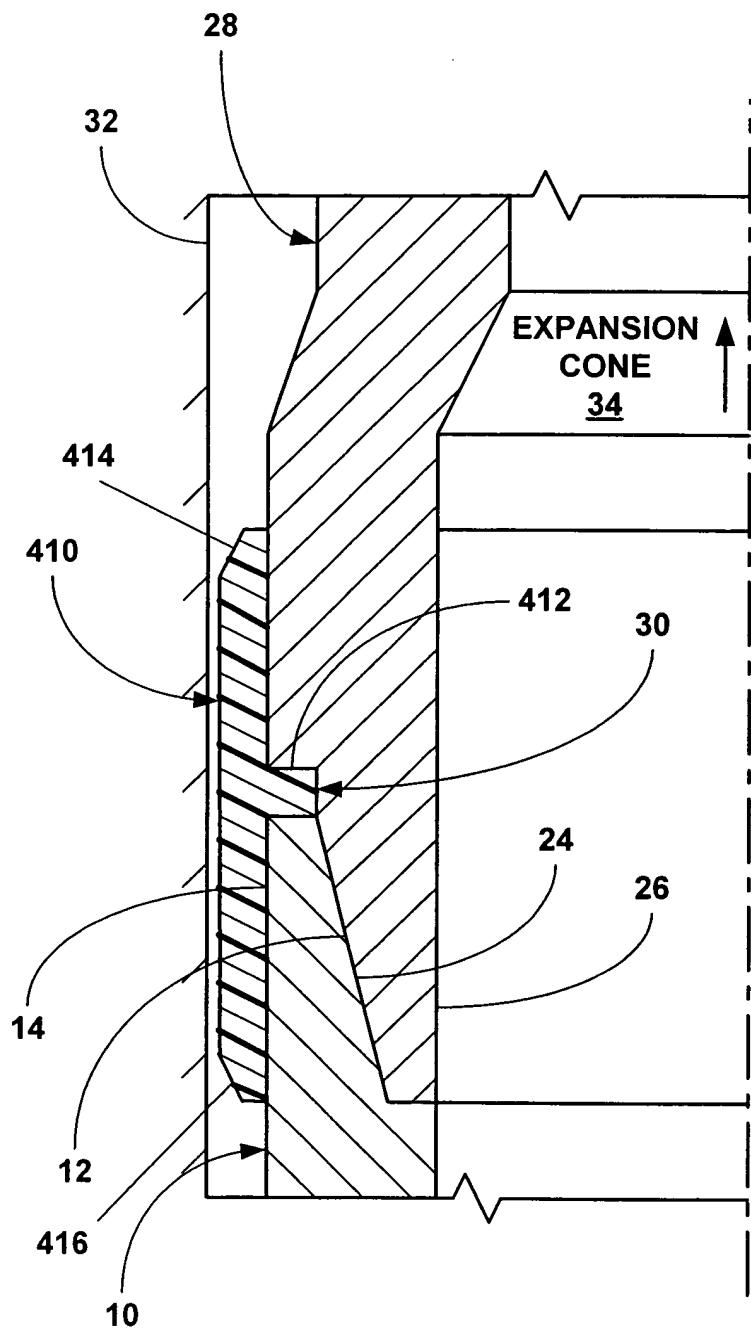


Fig. 5b

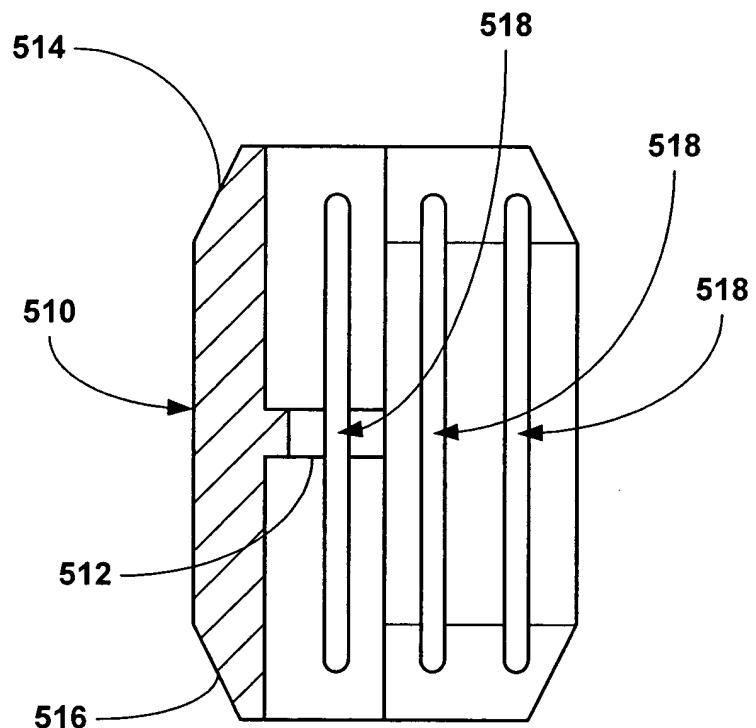


Fig. 6a

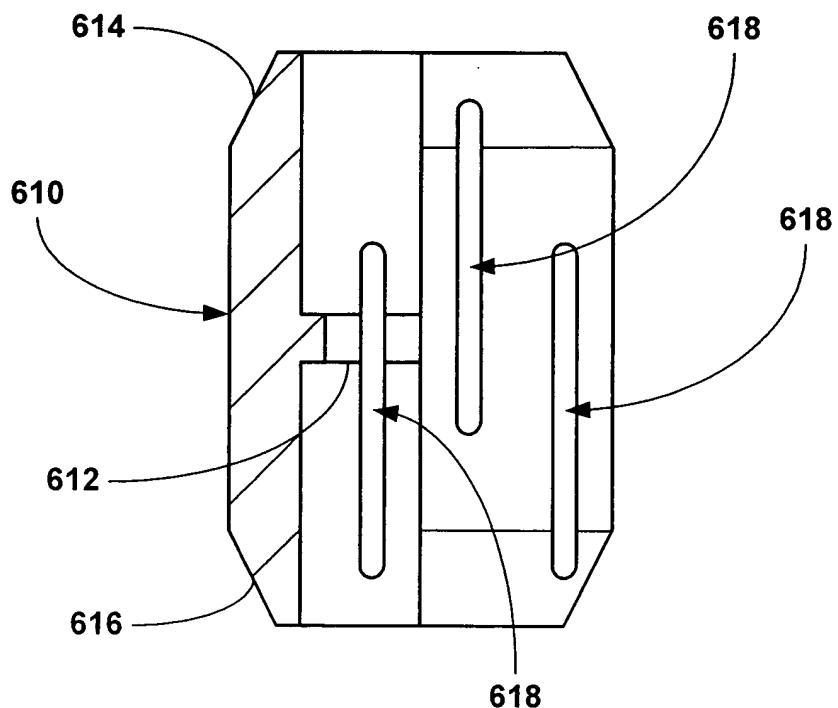


Fig. 6b

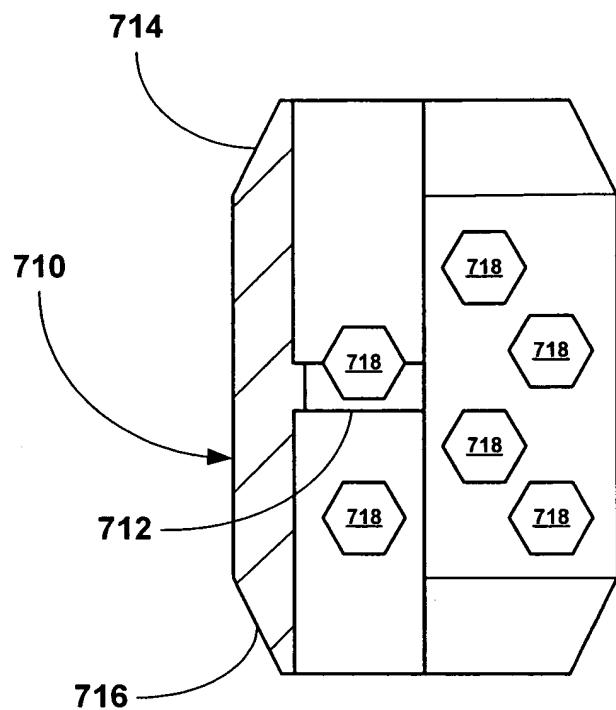


Fig. 6c

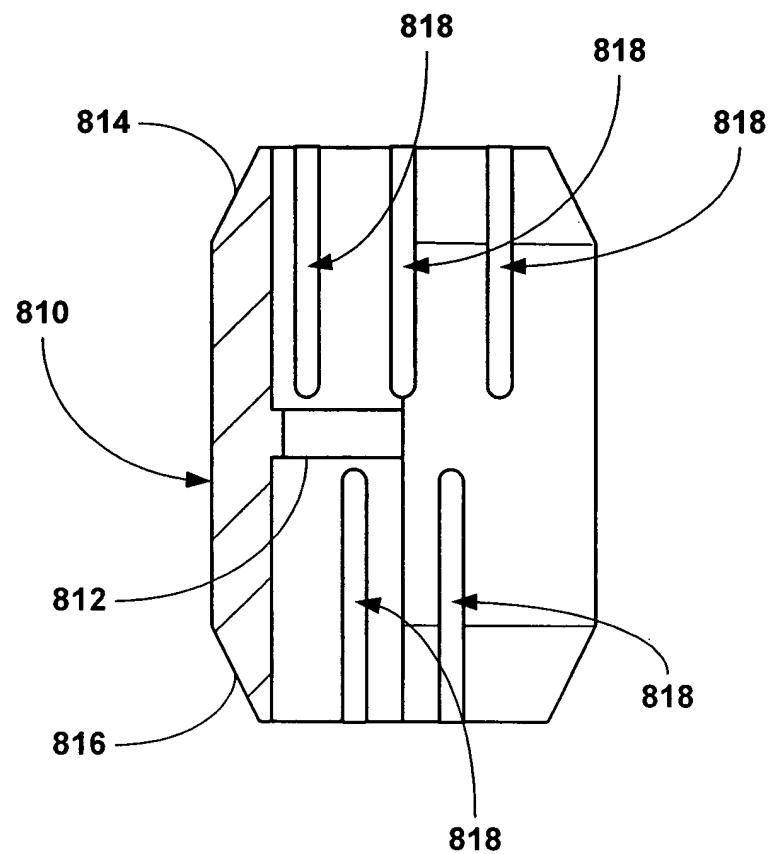


Fig. 6d

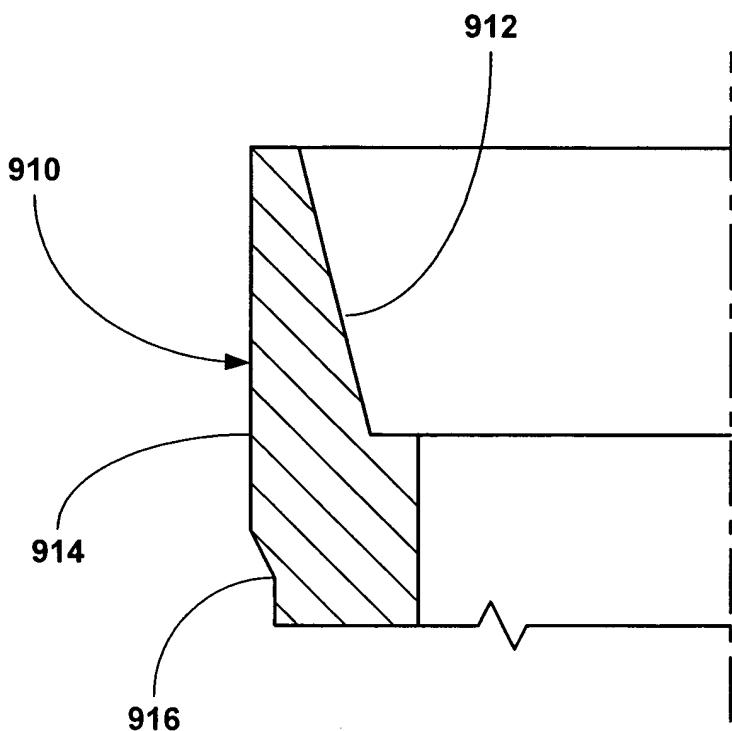


Fig. 7a

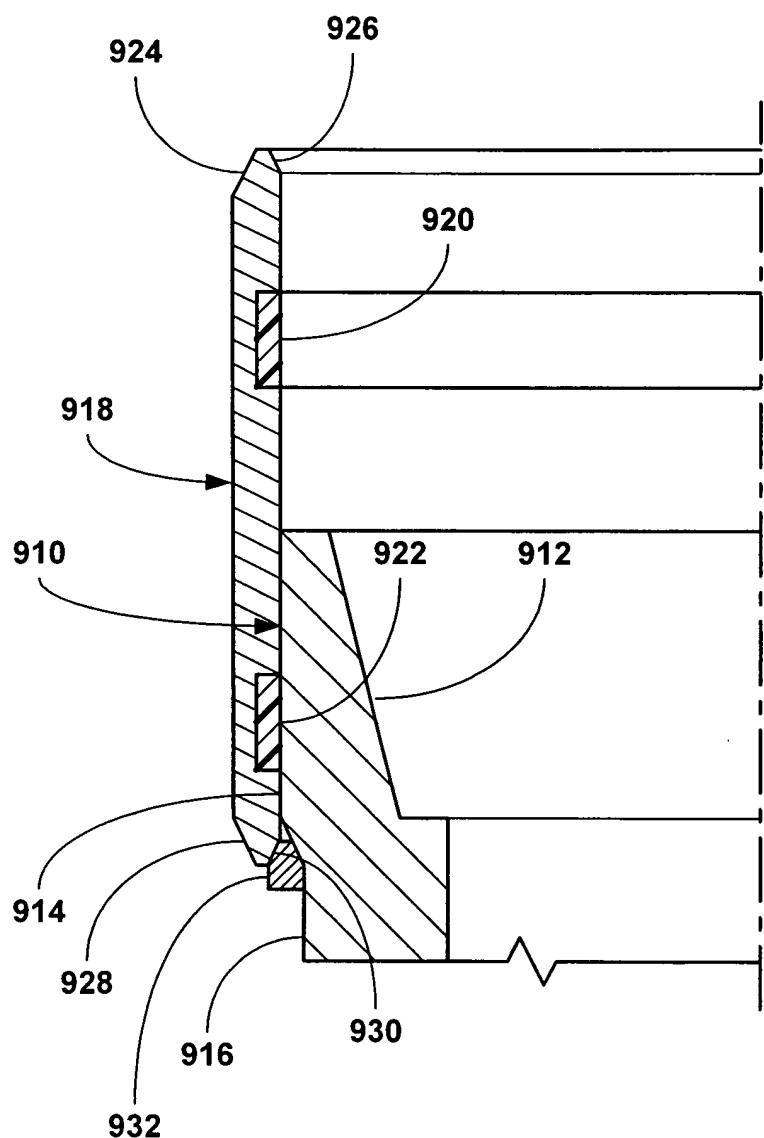


Fig. 7b

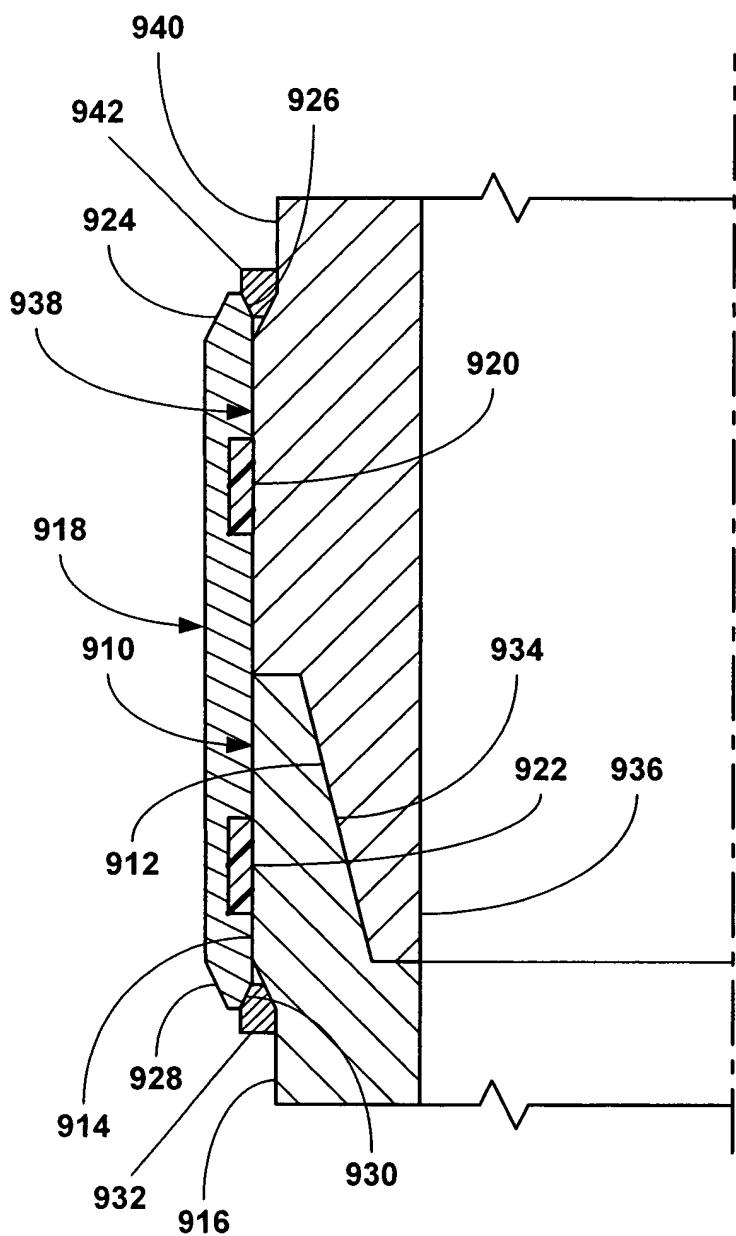


Fig. 7c

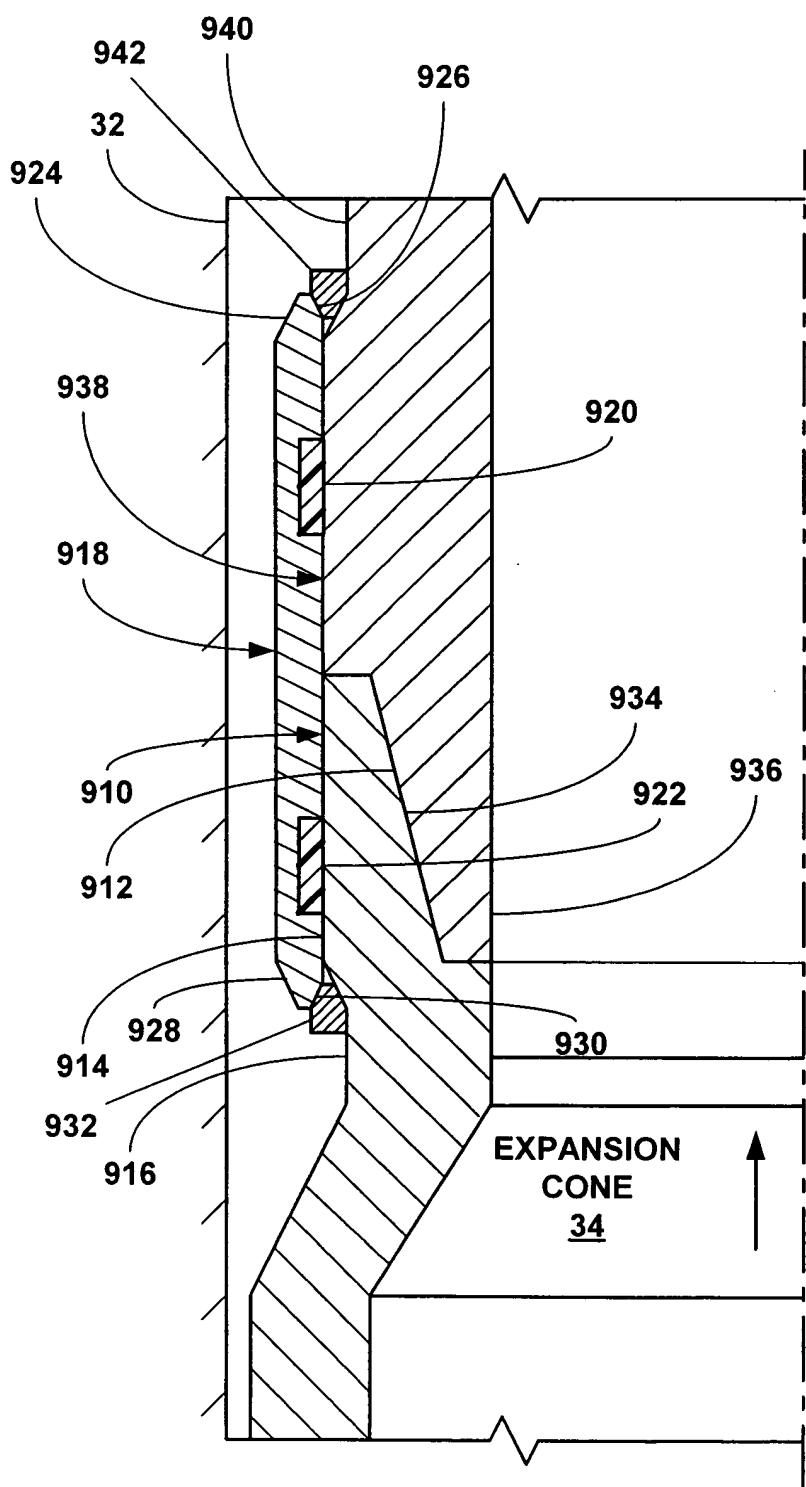


Fig. 7d

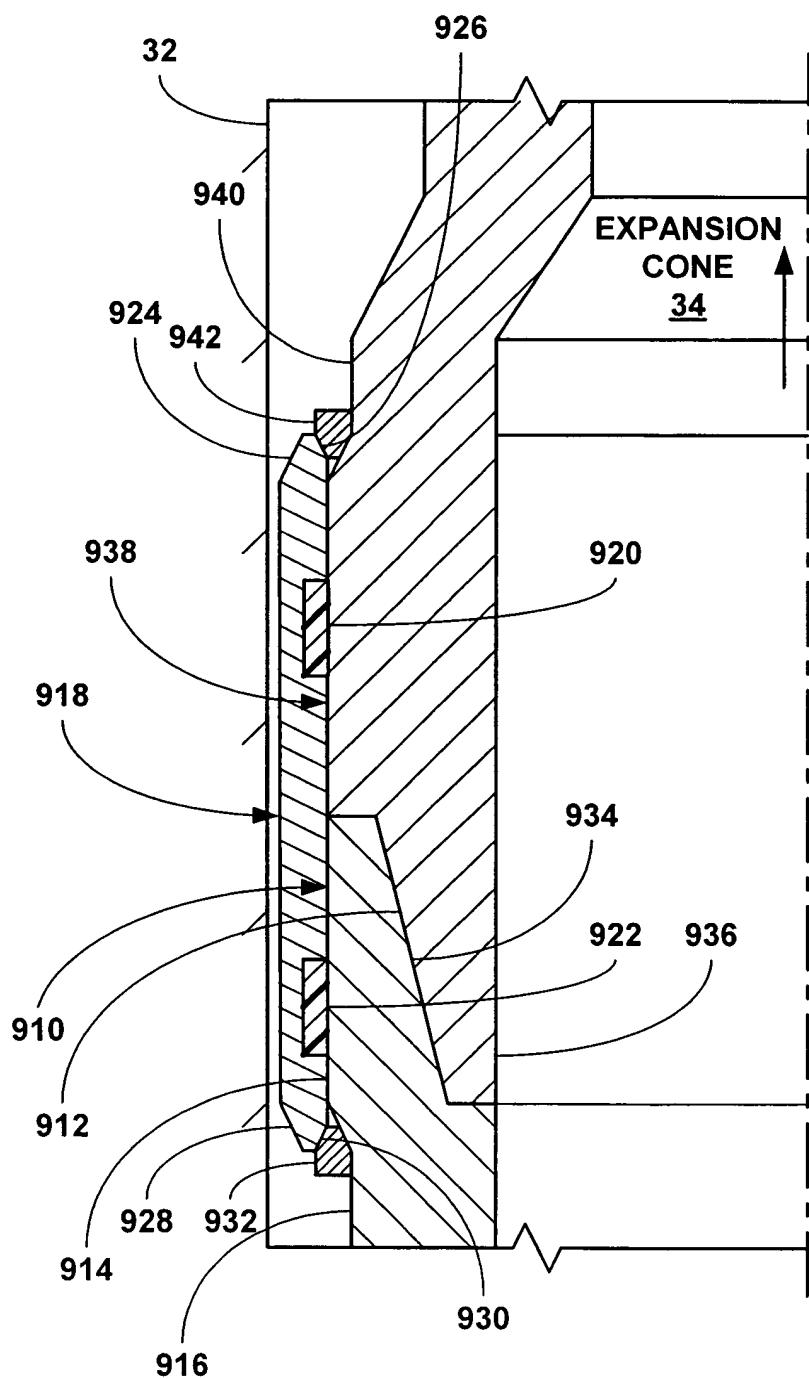


Fig. 7e

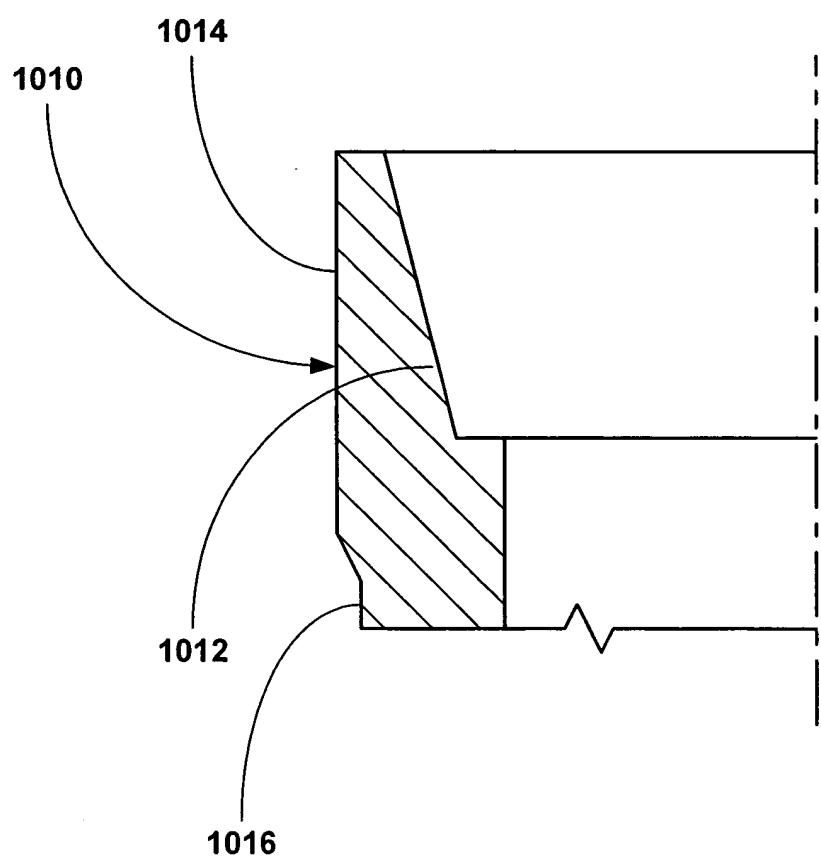


Fig. 8a

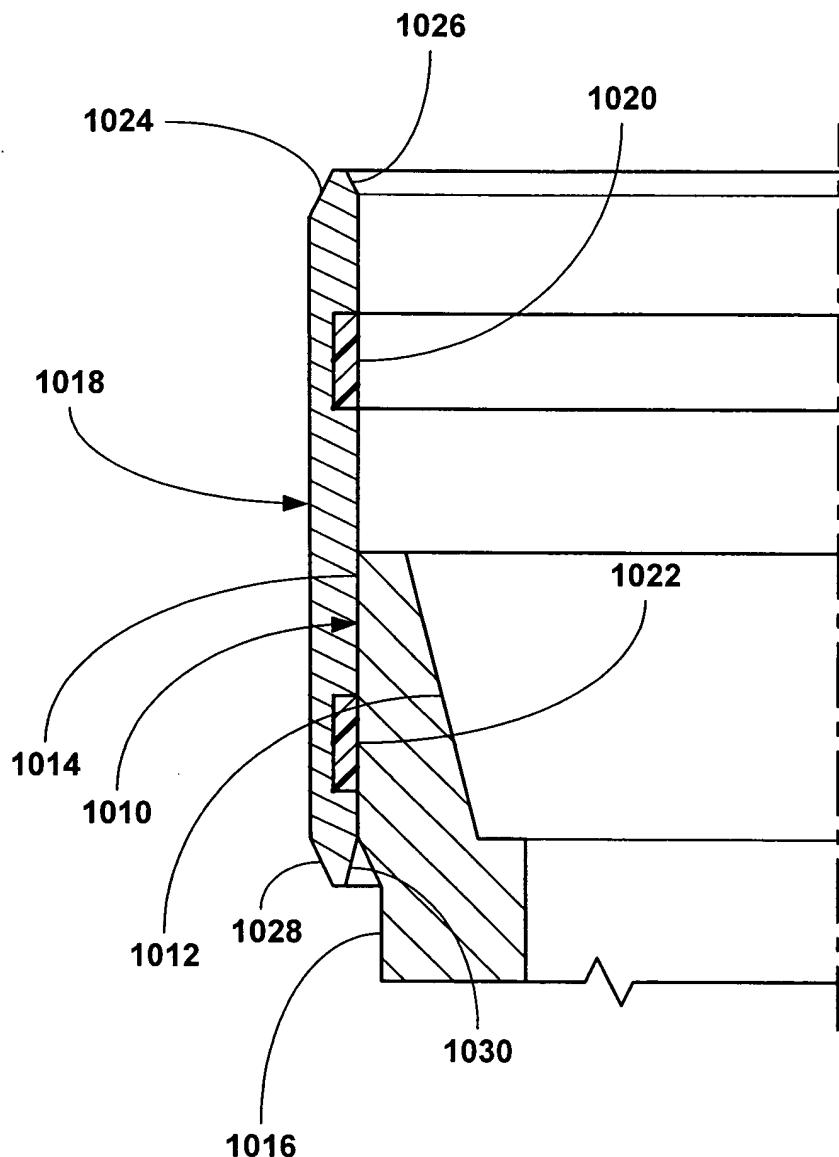


Fig. 8b

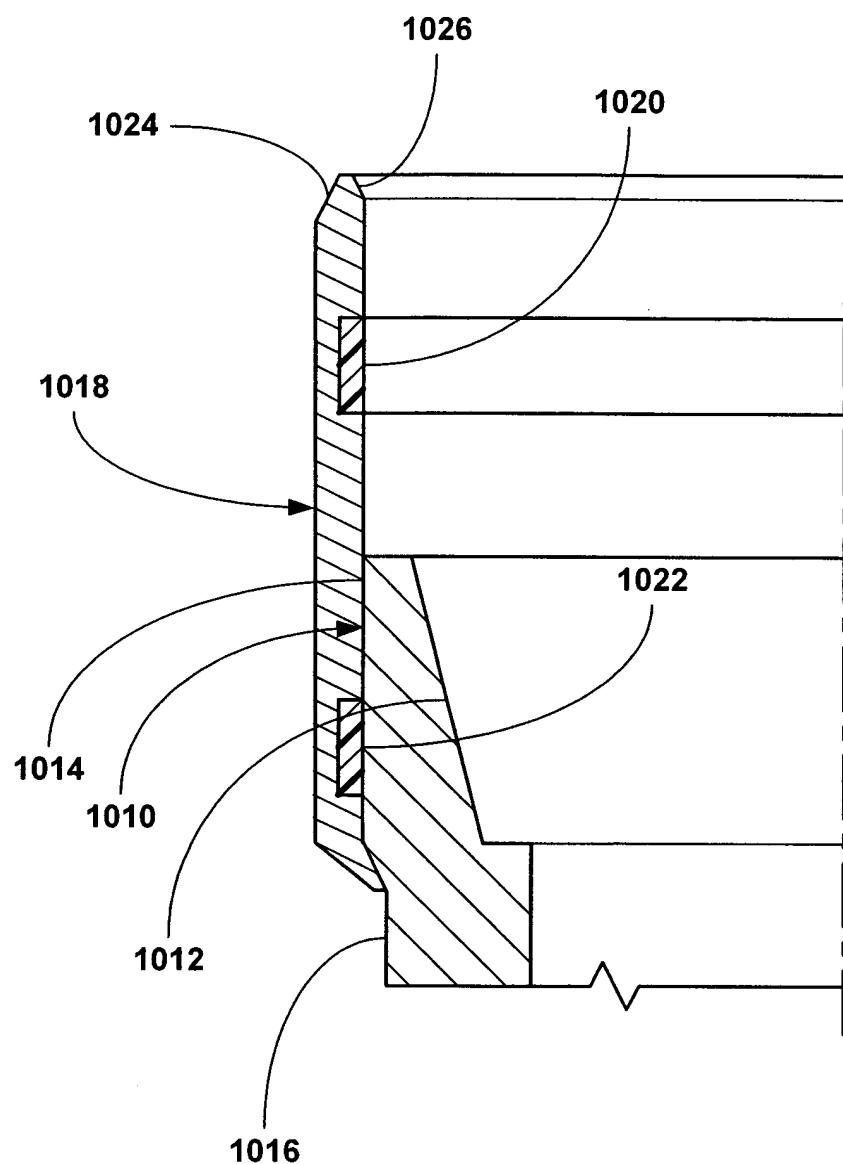


Fig. 8c

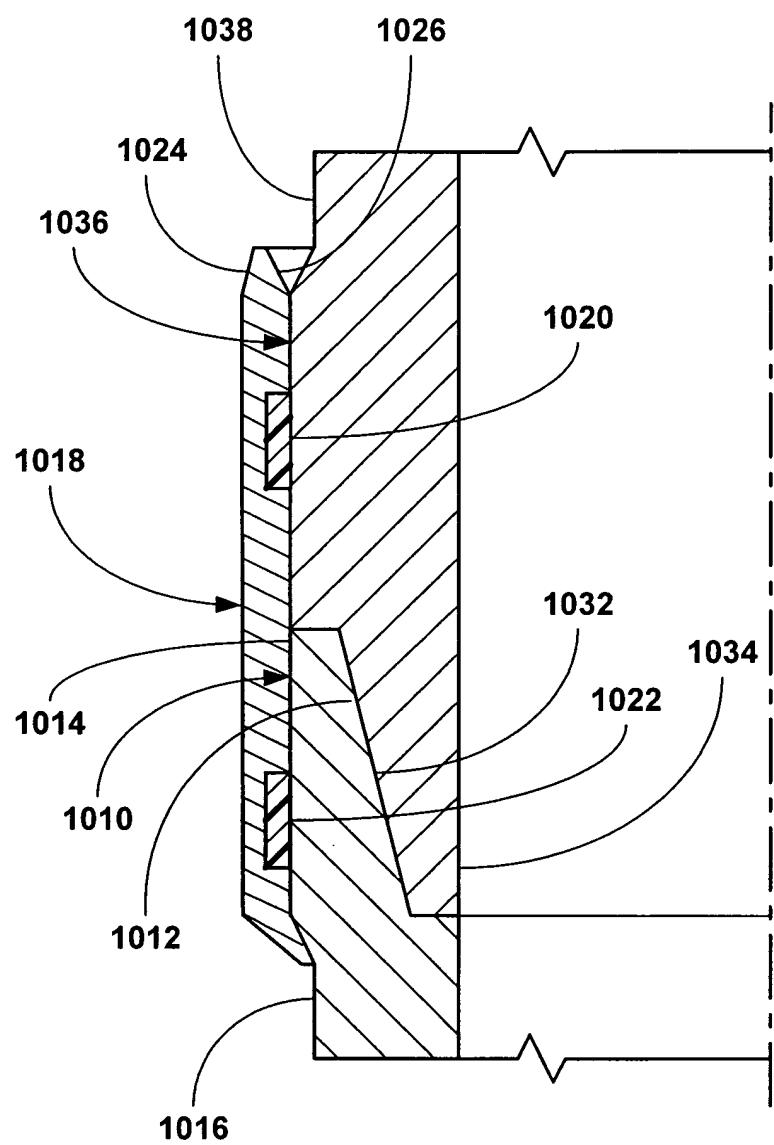
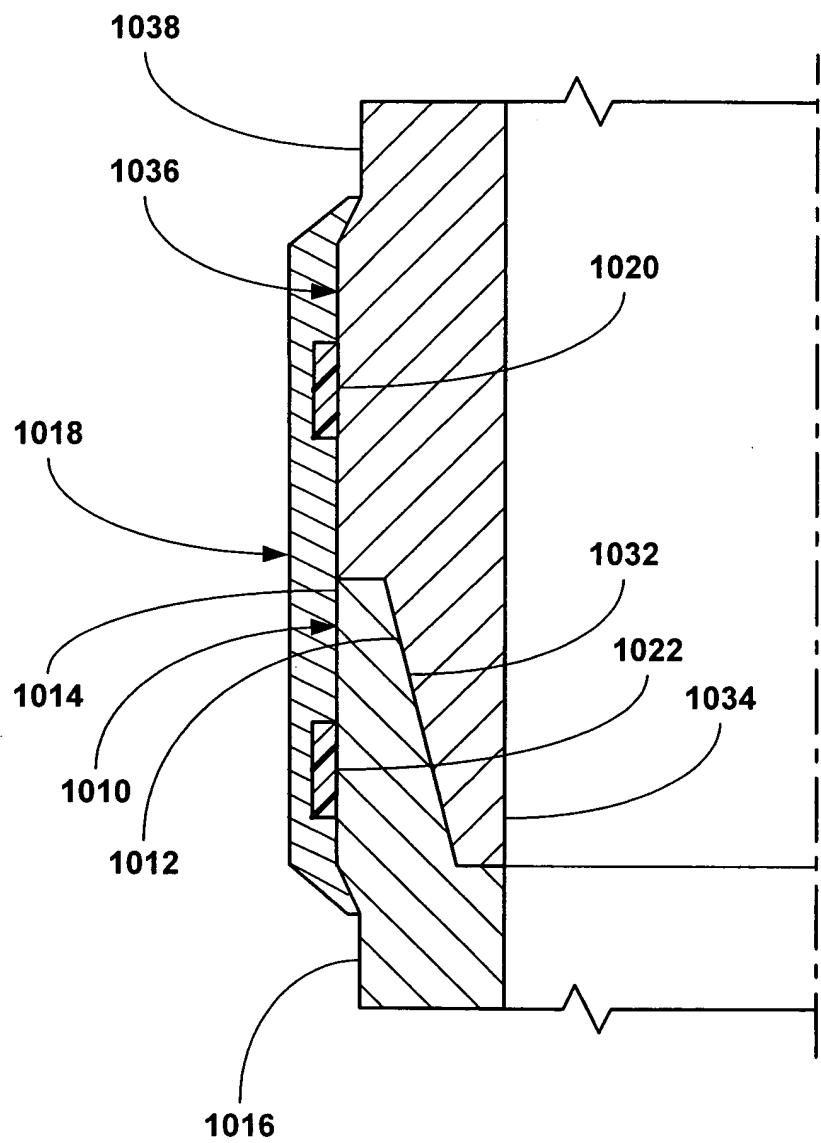


Fig. 8d

**Fig. 8e**

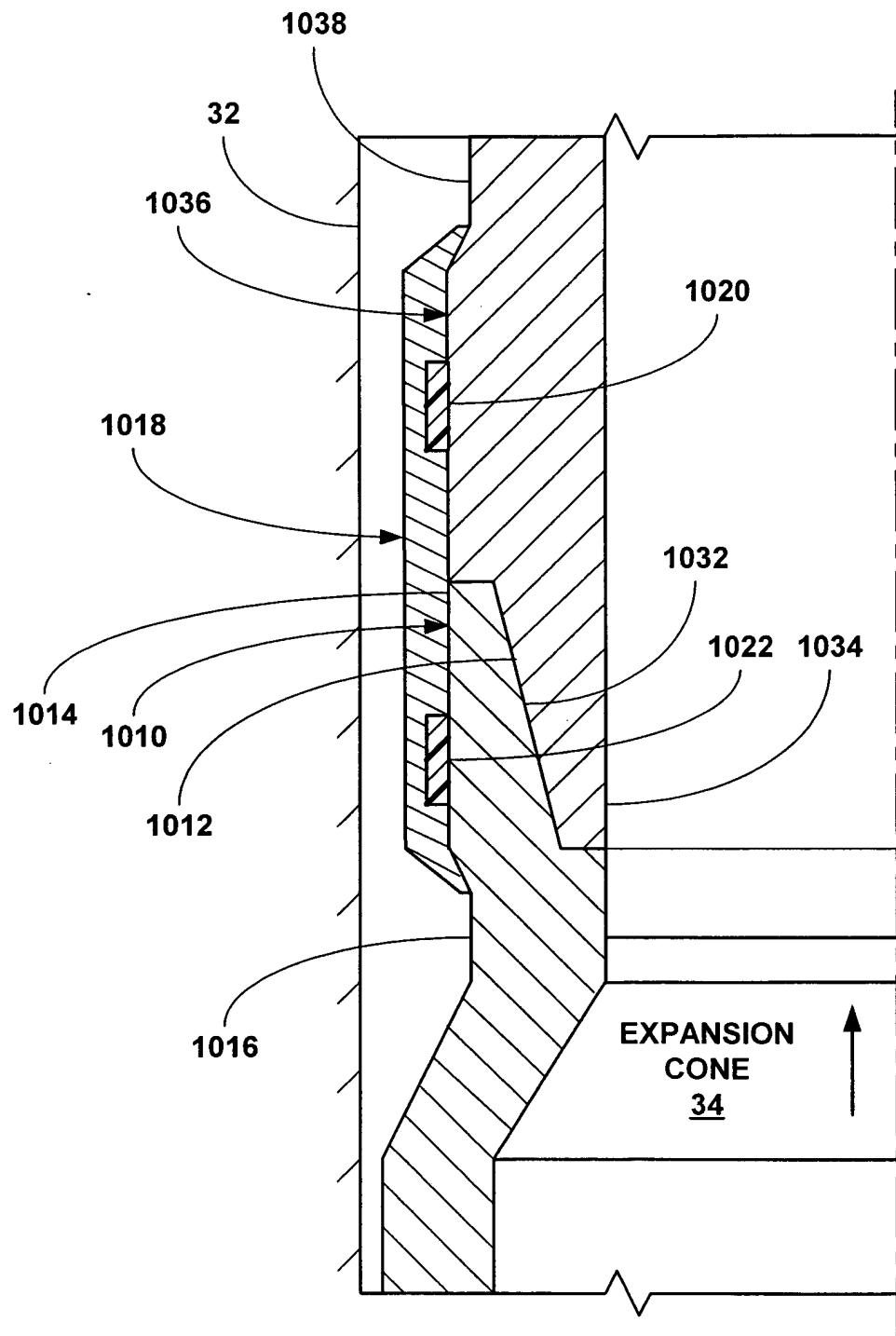


Fig. 8f

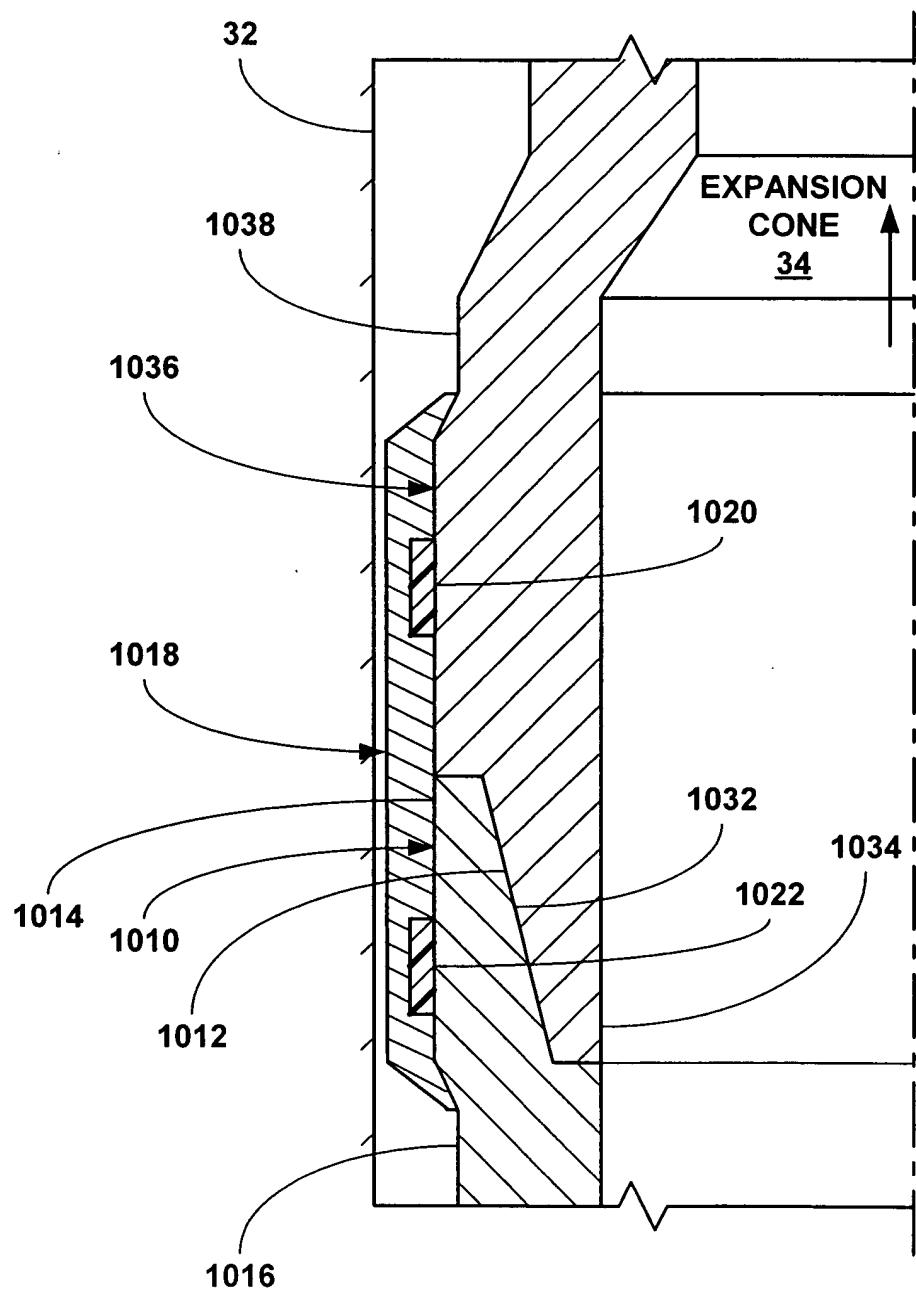


Fig. 8g

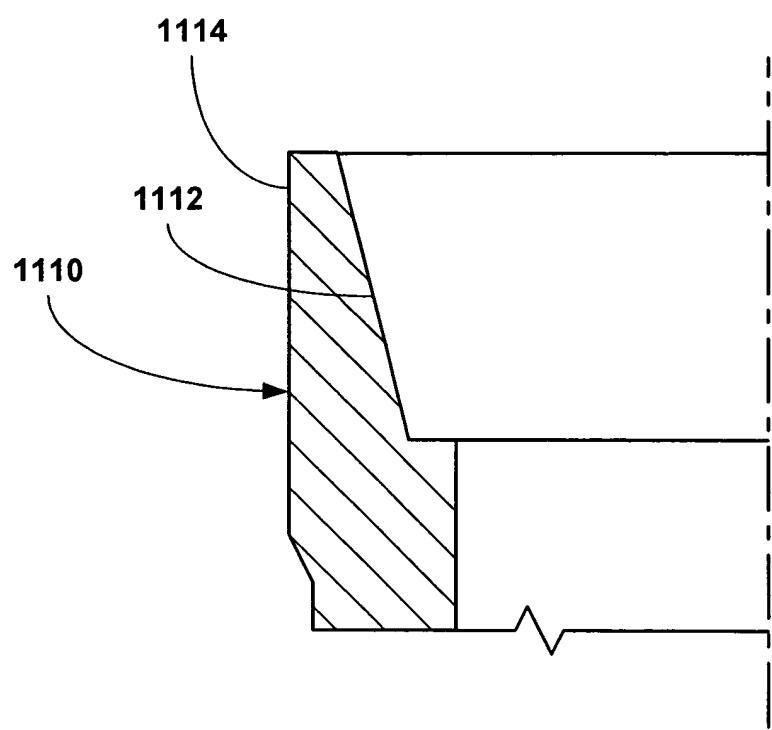


Fig. 9a

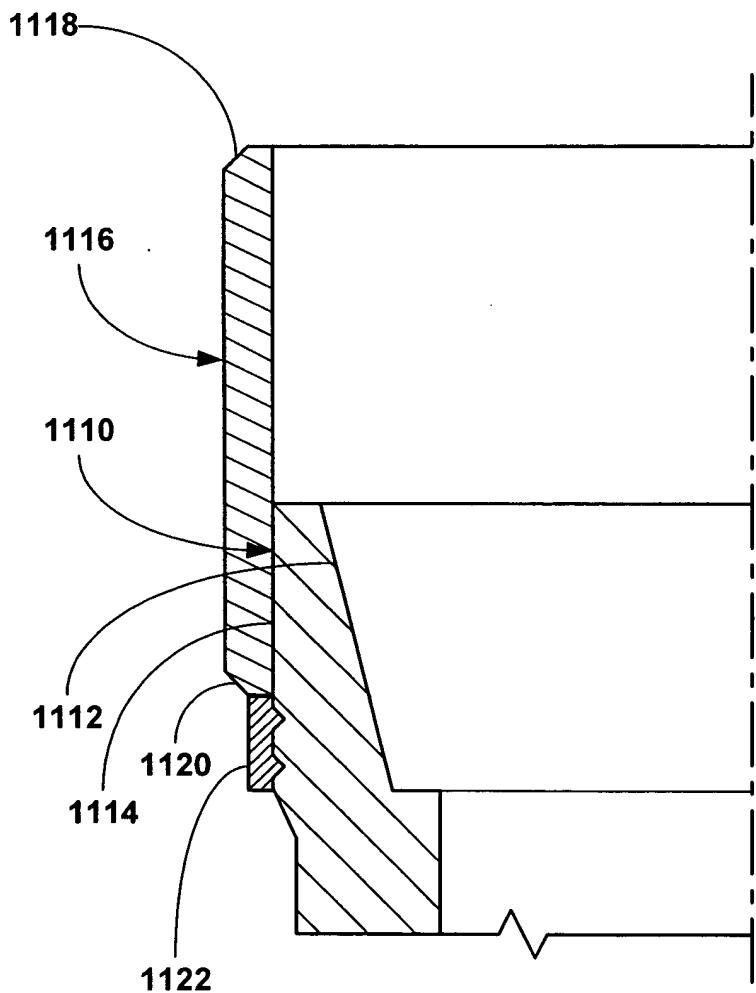


Fig. 9b

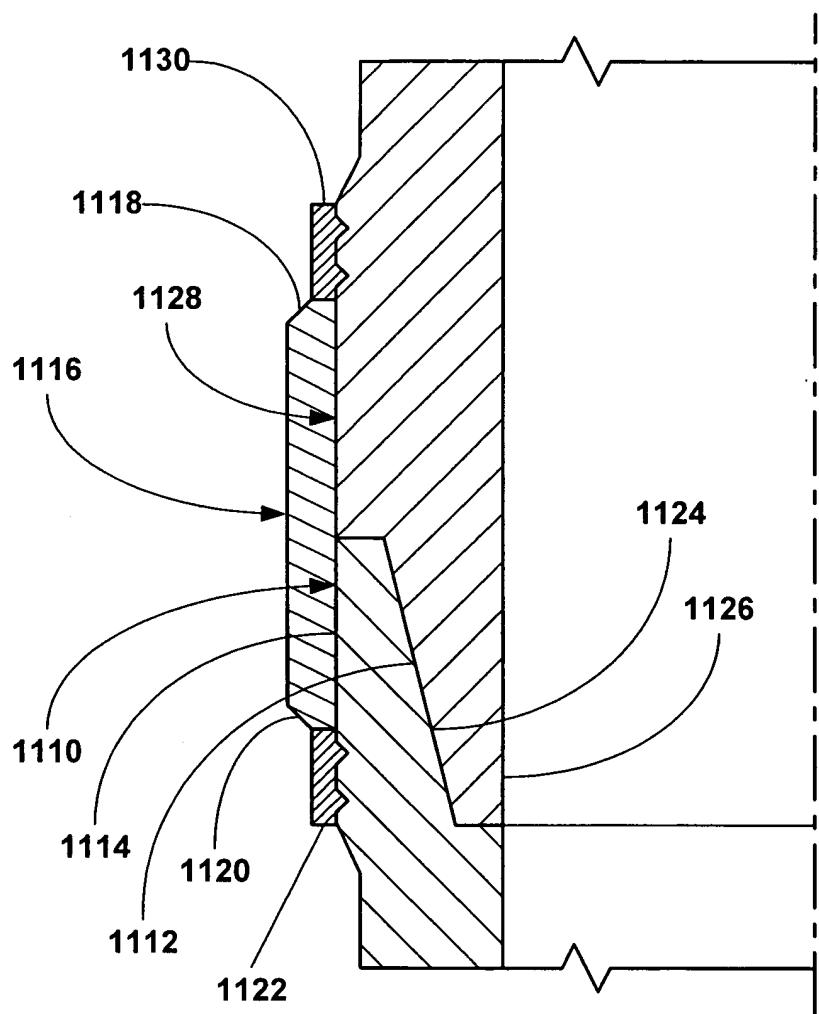


Fig. 9c

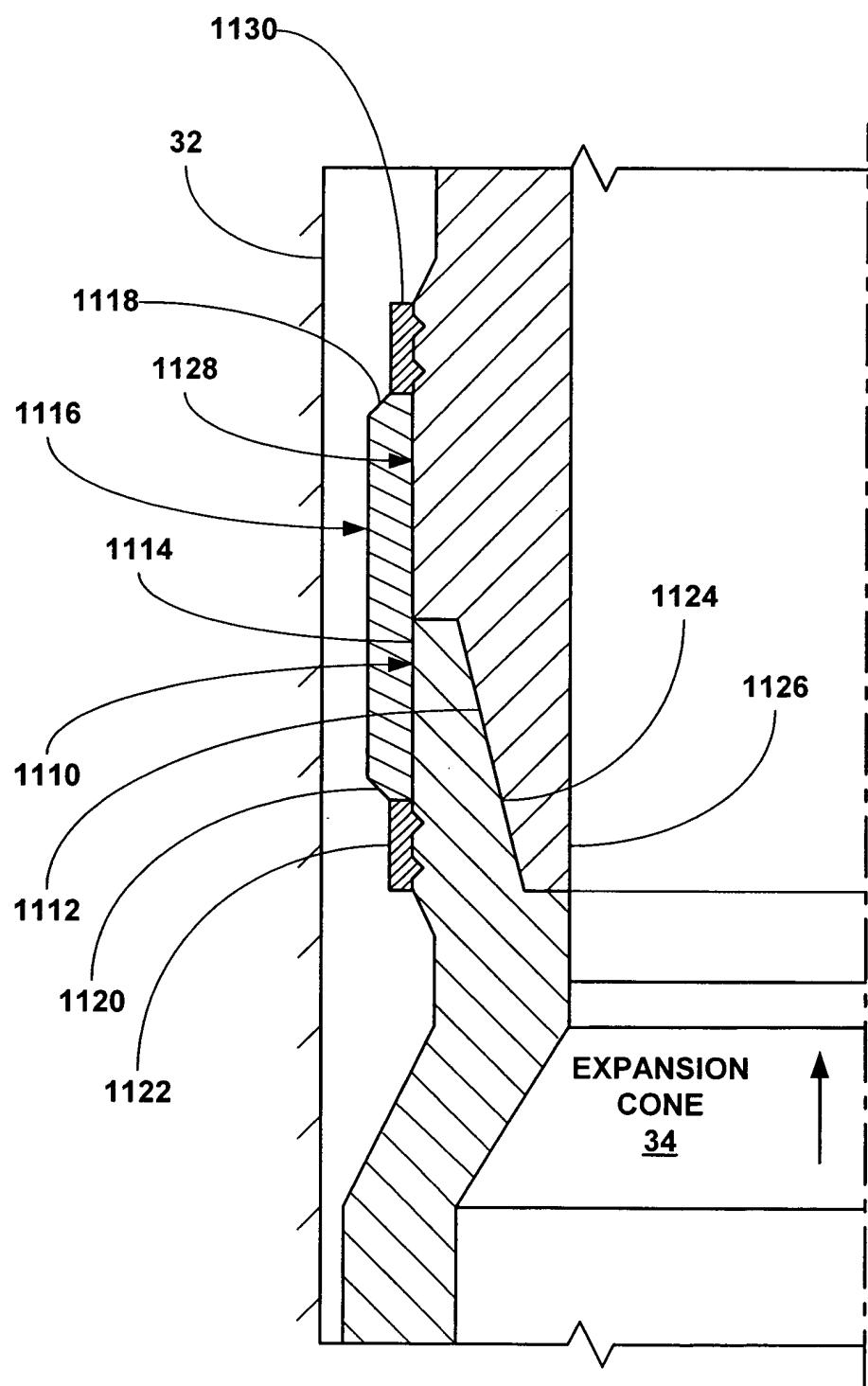


Fig. 9d

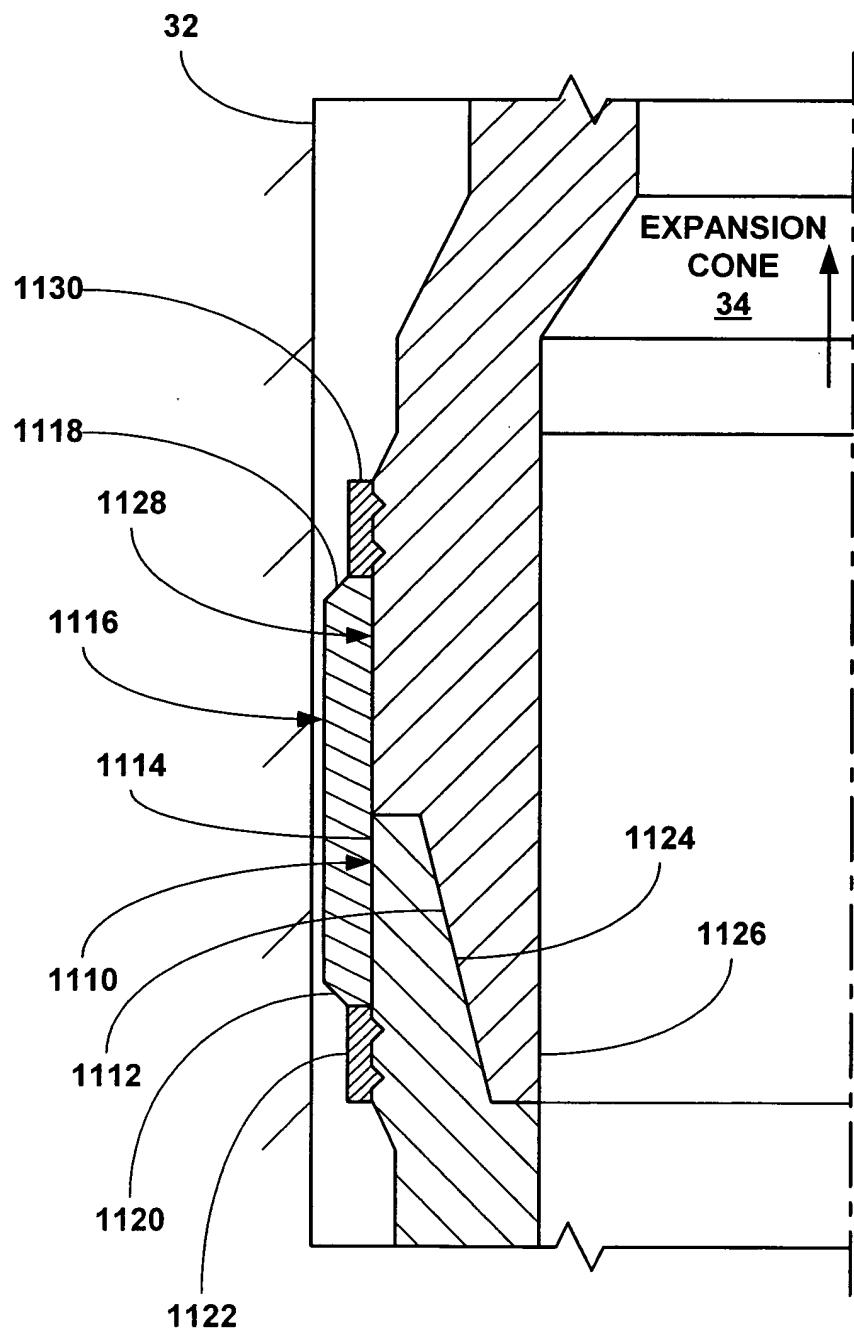


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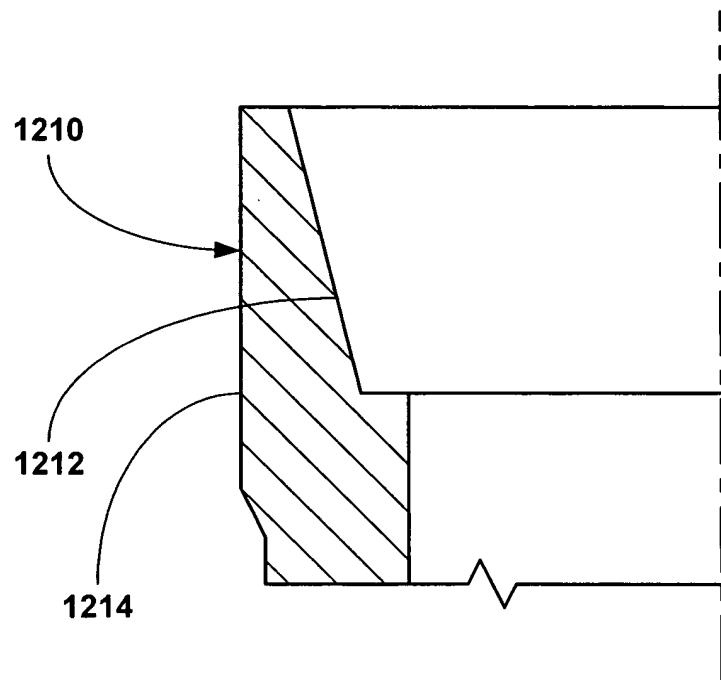


Fig. 10a

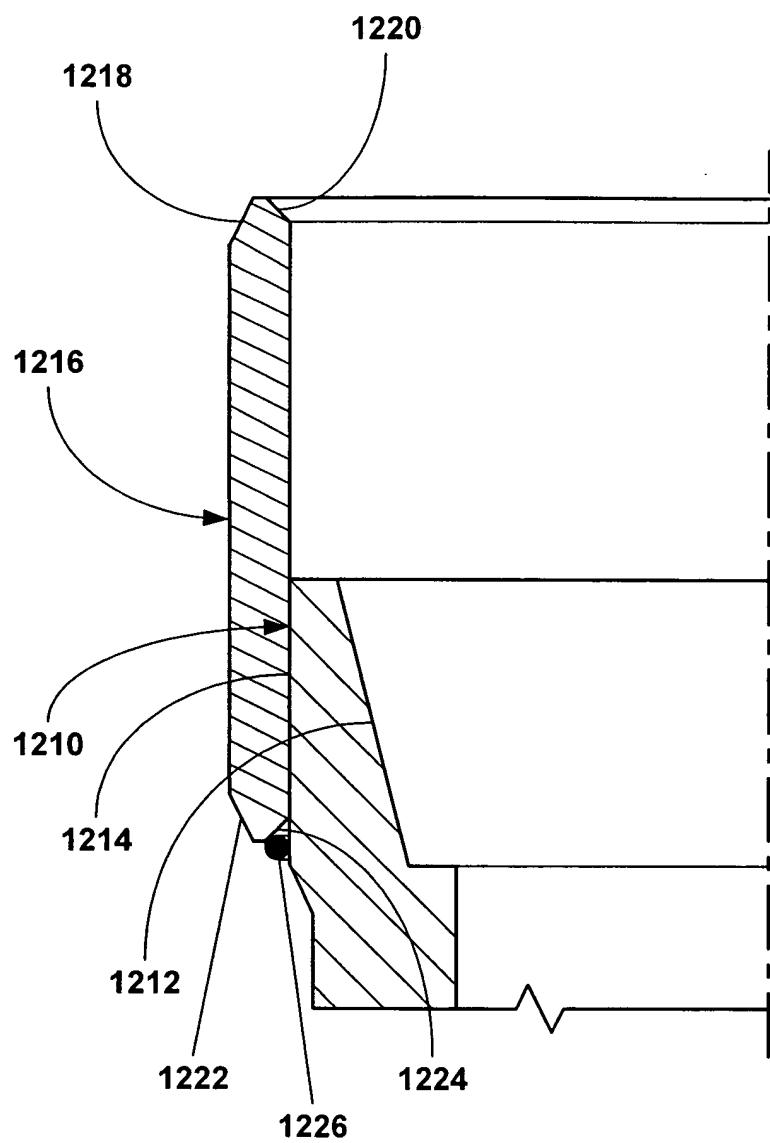


Fig. 10b

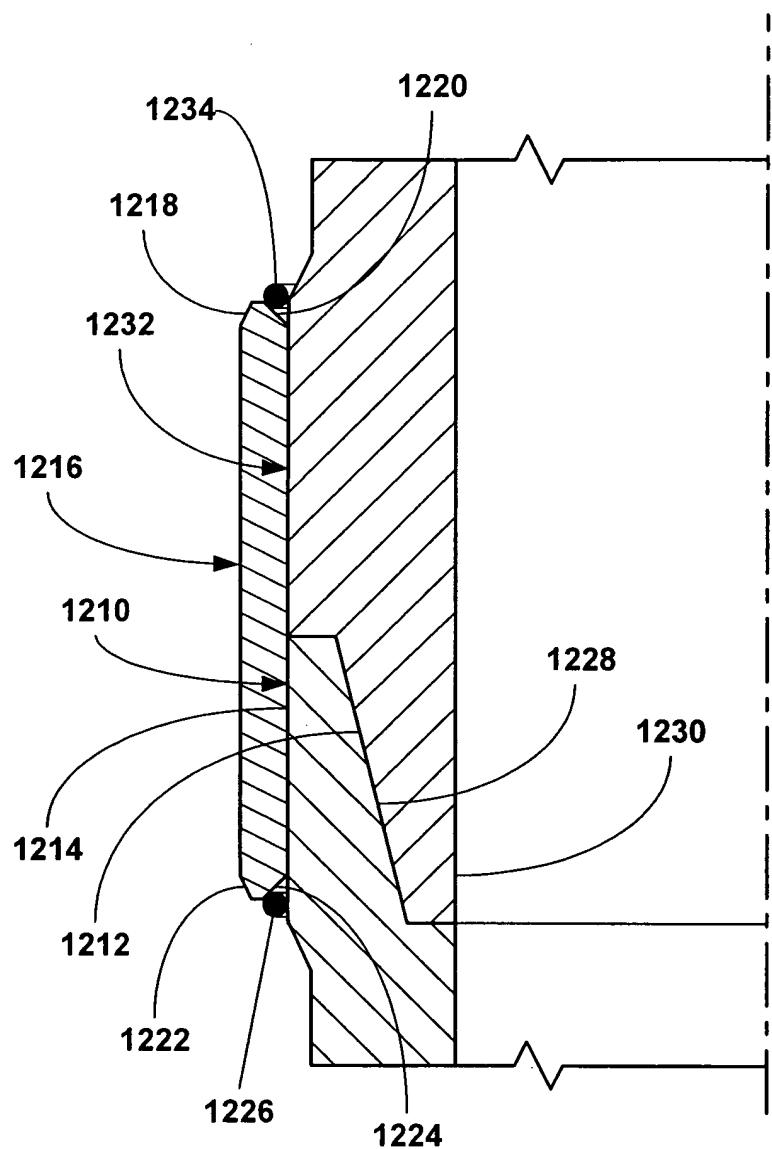


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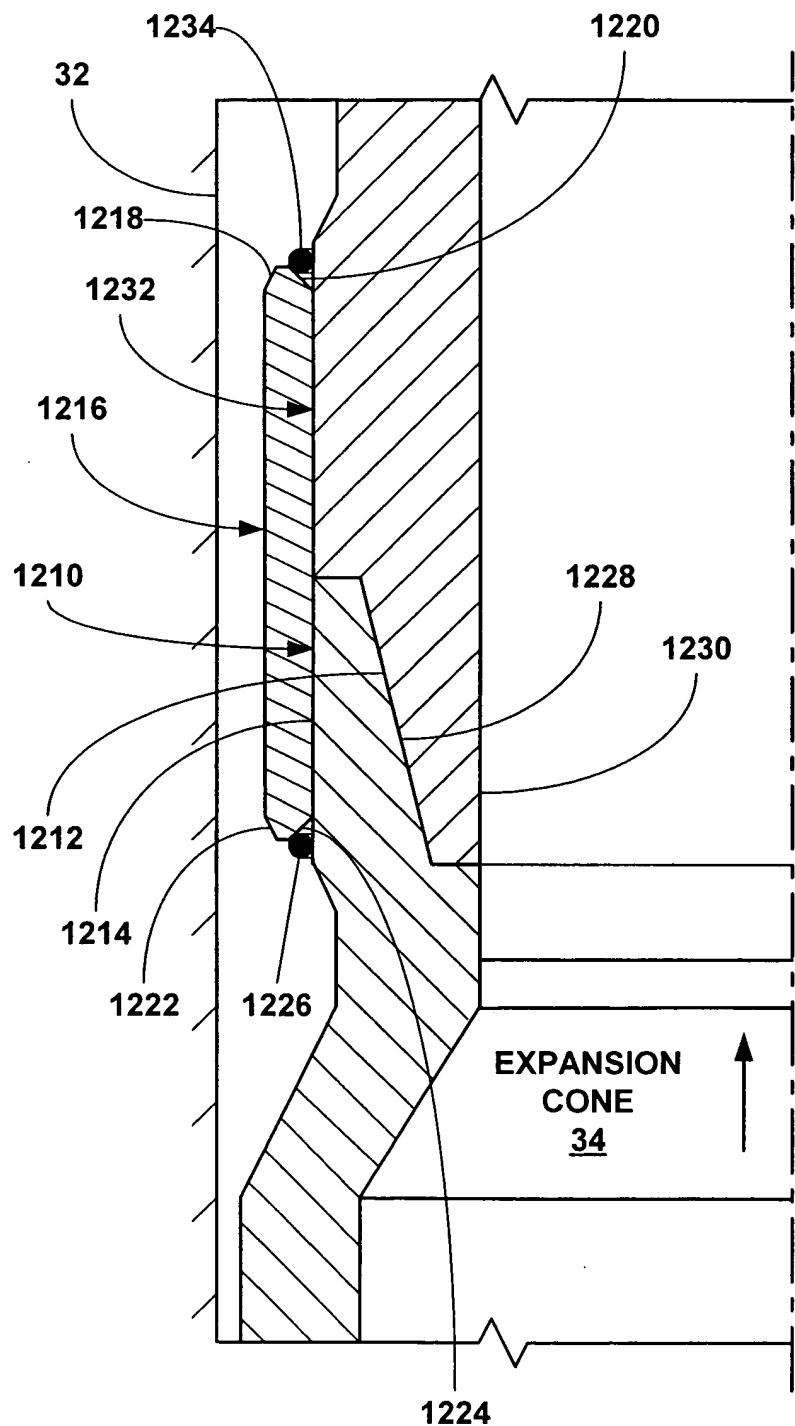


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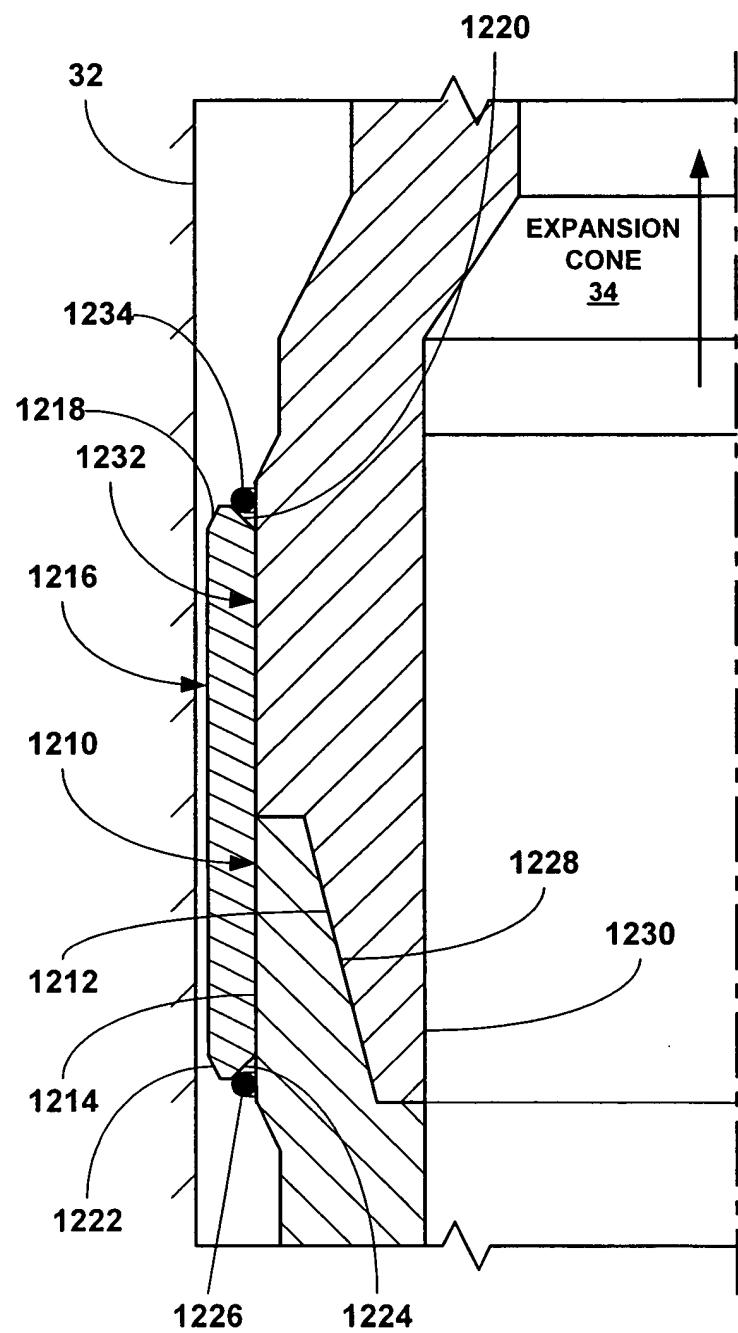


Fig. 10e

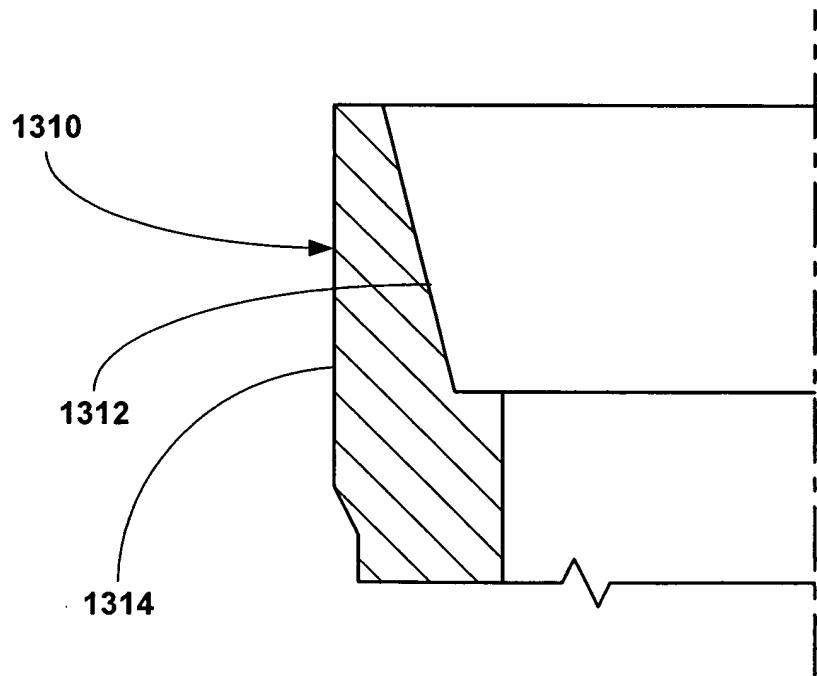
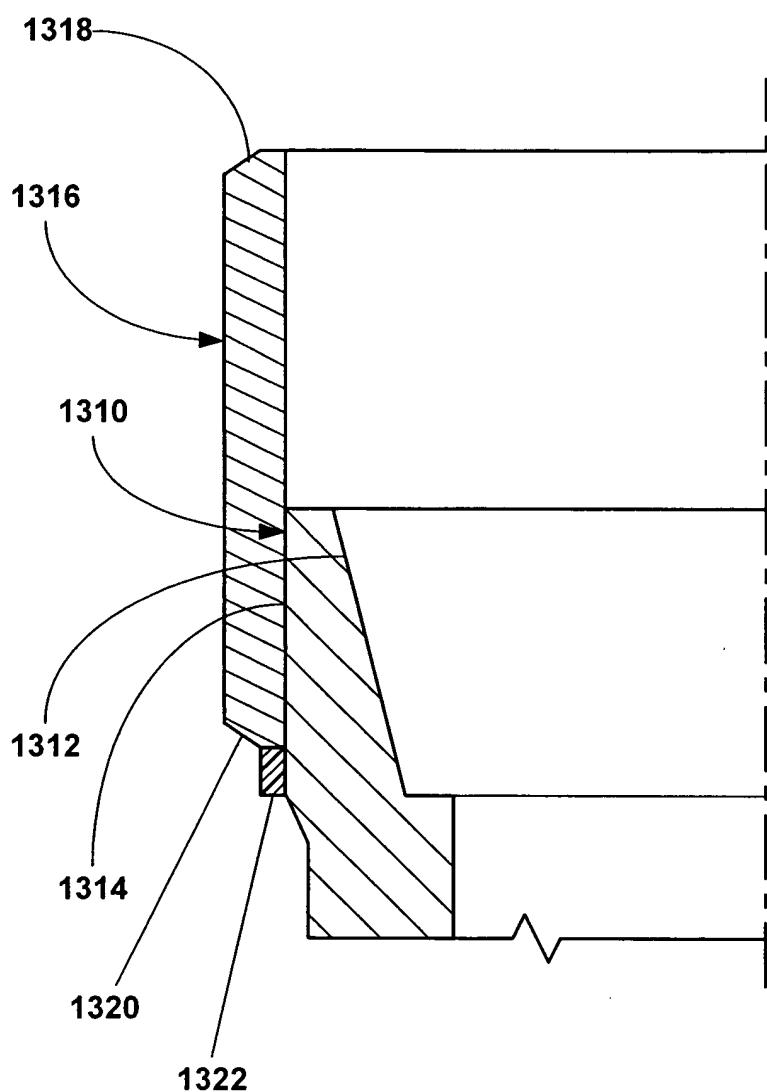


Fig. 11a

**Fig. 11b**

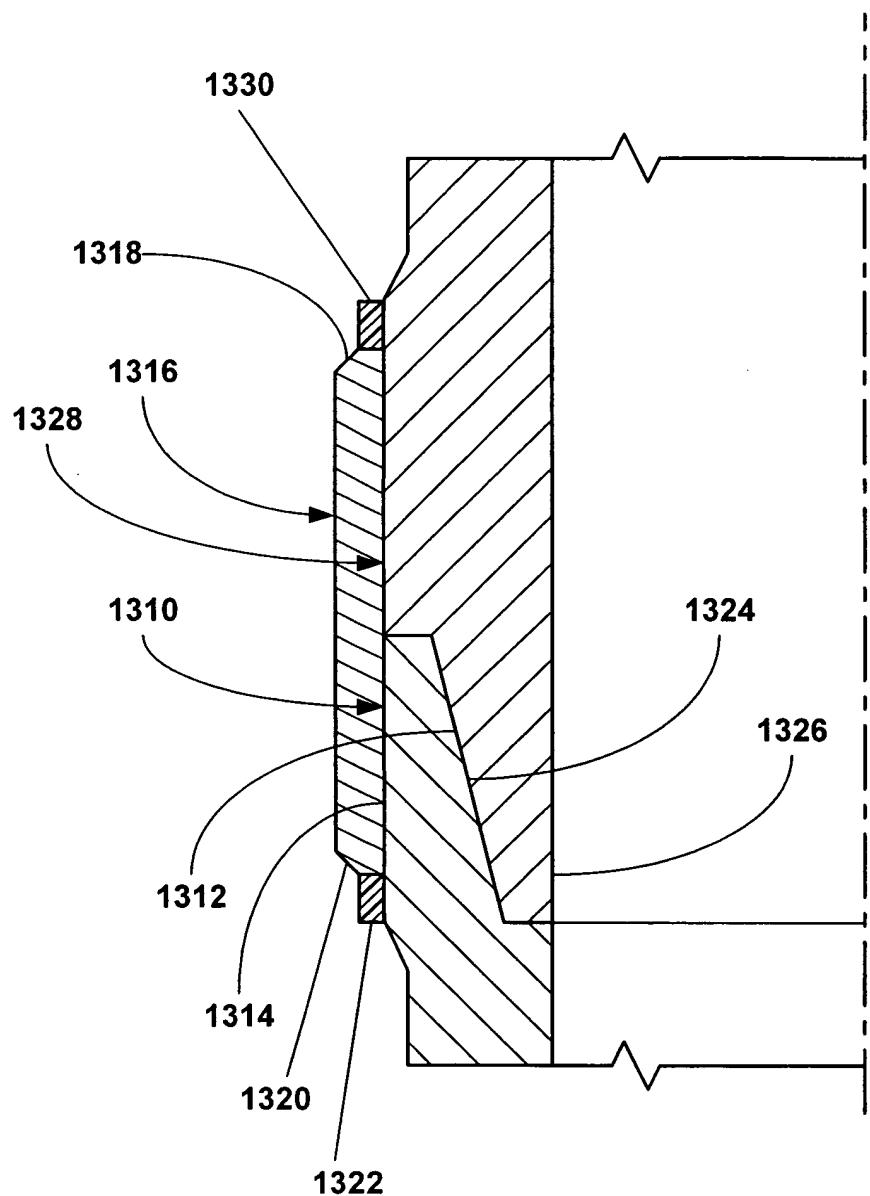


Fig. 11c

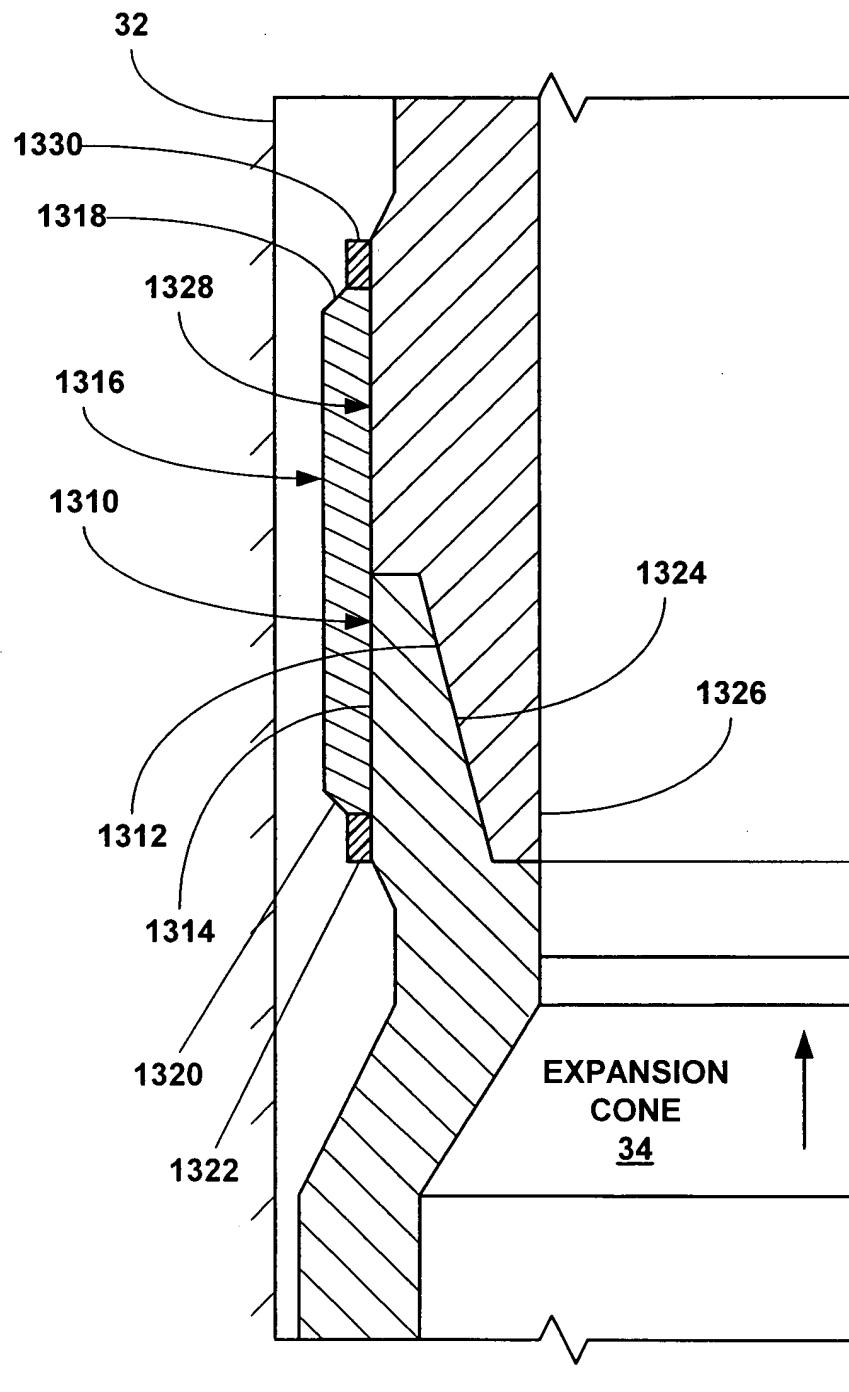


Fig. 11d

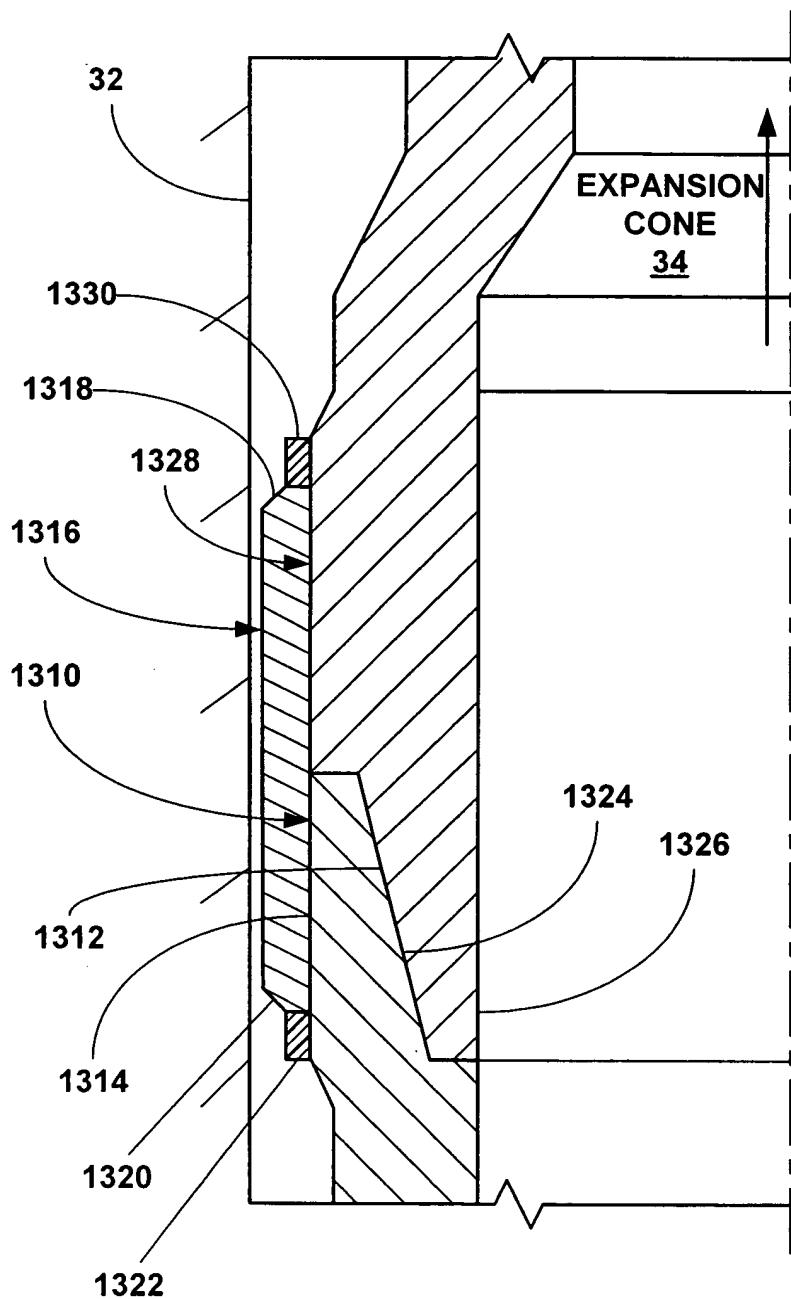


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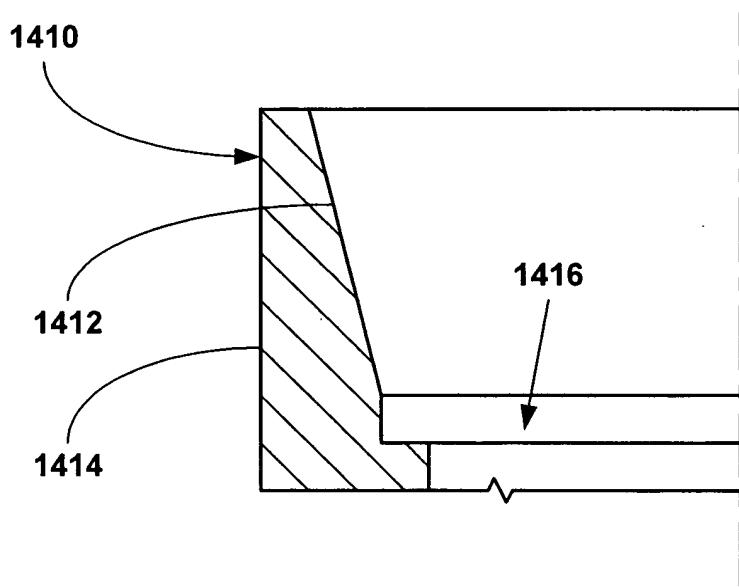


Fig. 12a

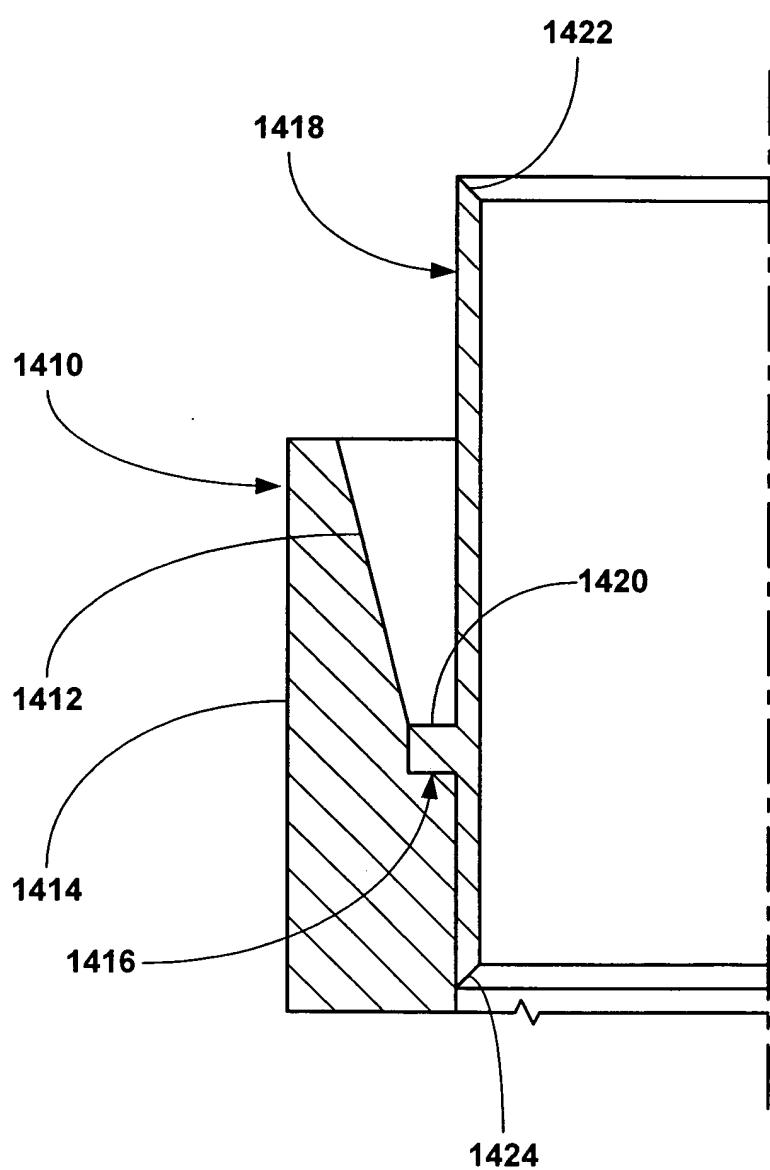


Fig. 12b

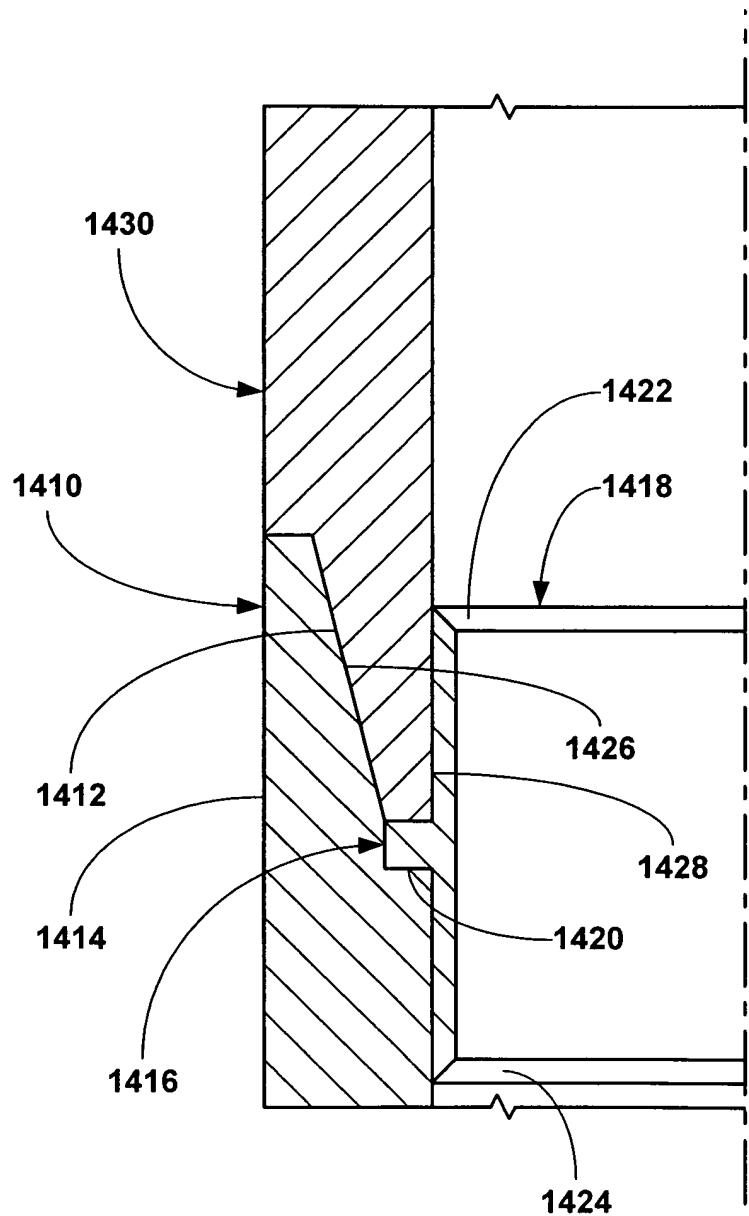


Fig. 12c

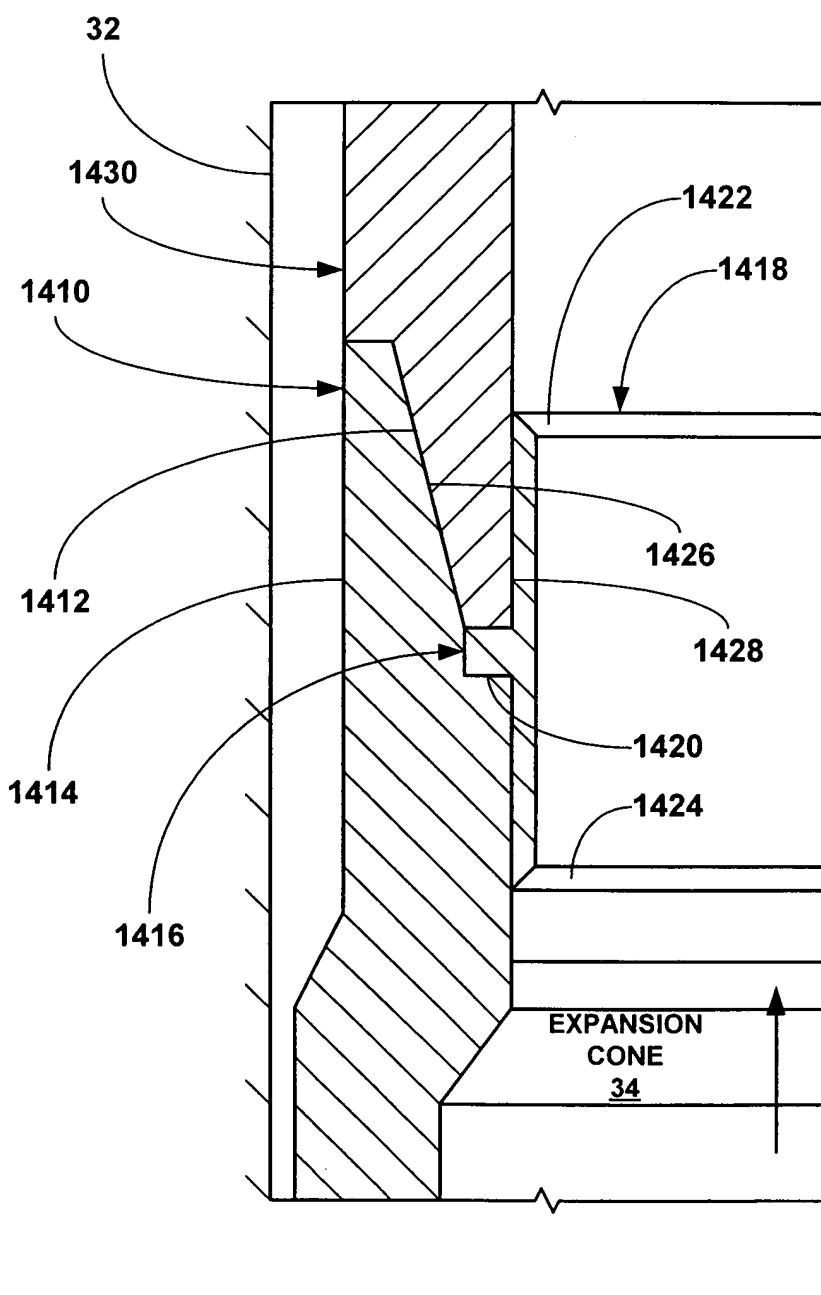


Fig. 12d

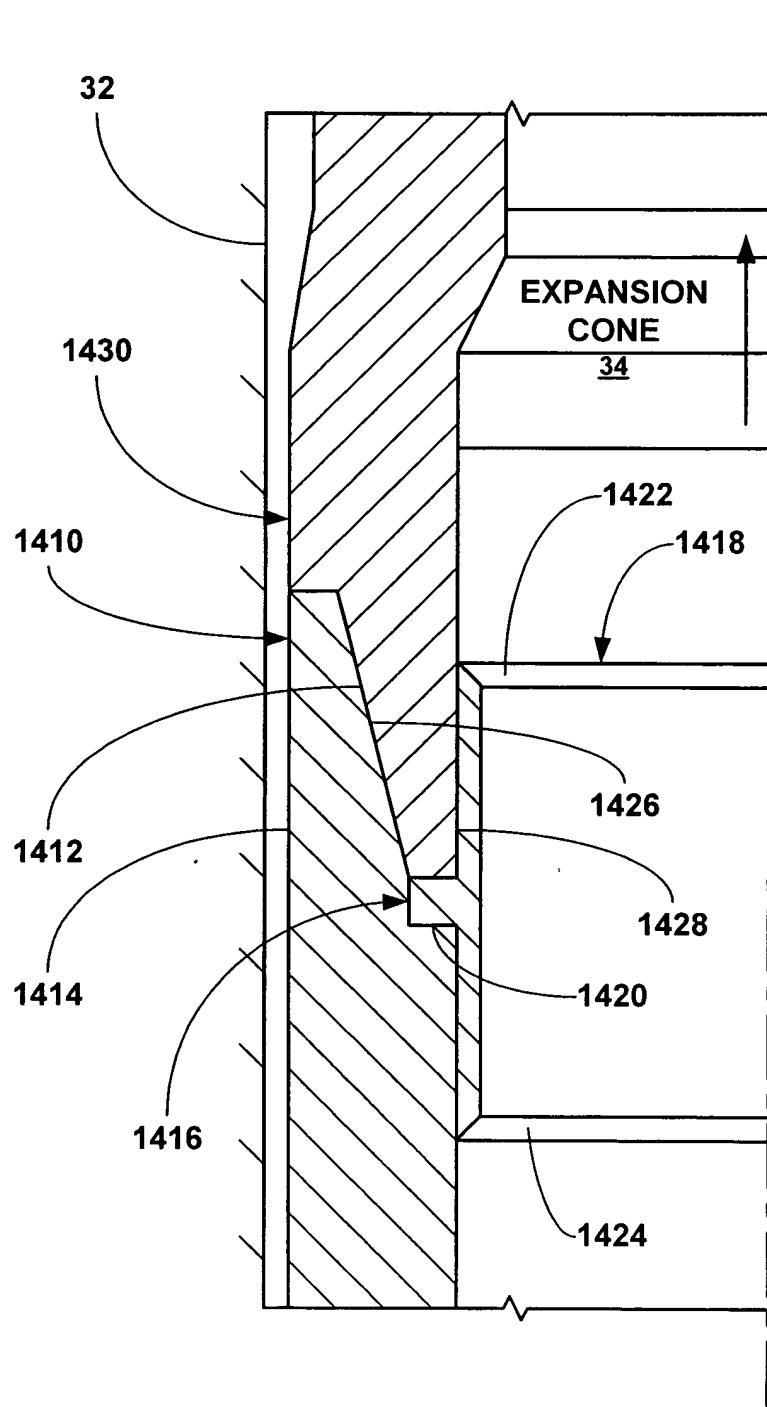


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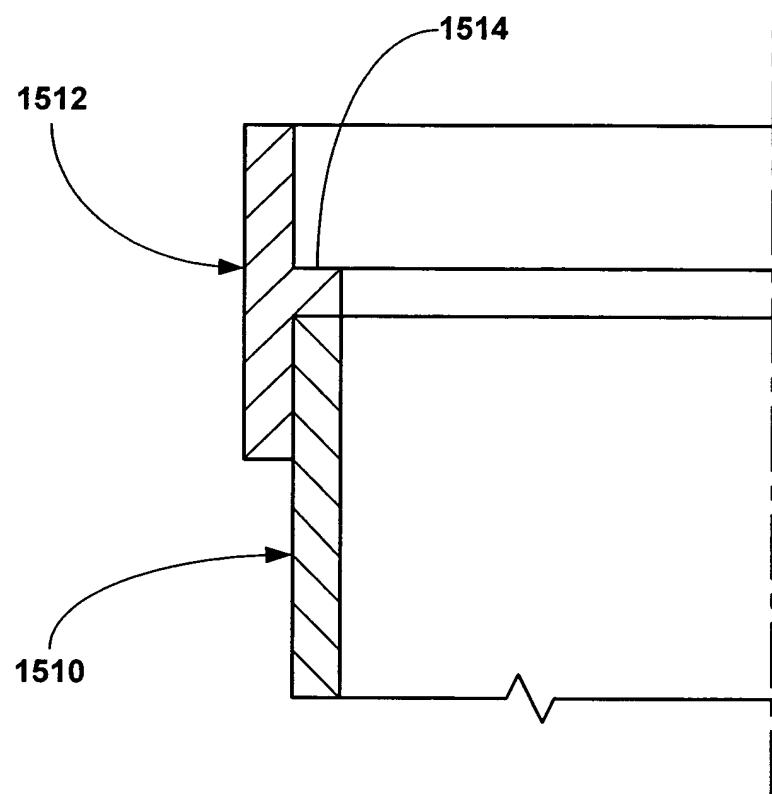


Fig. 13a

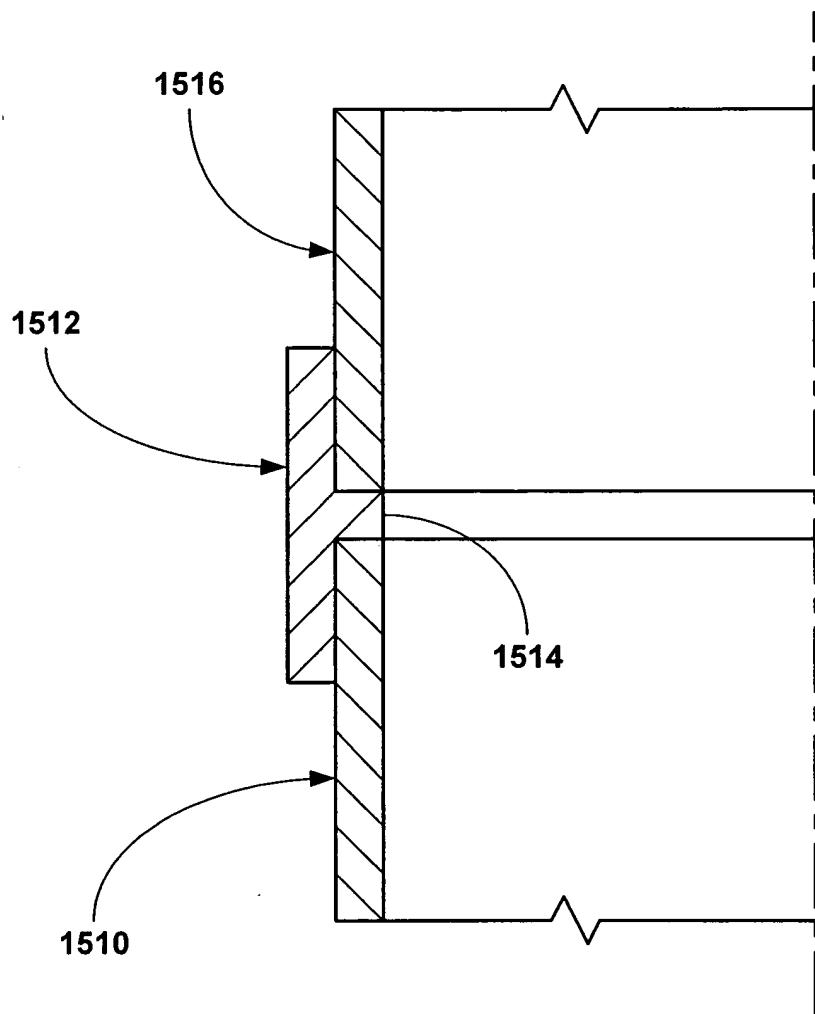


Fig. 13b

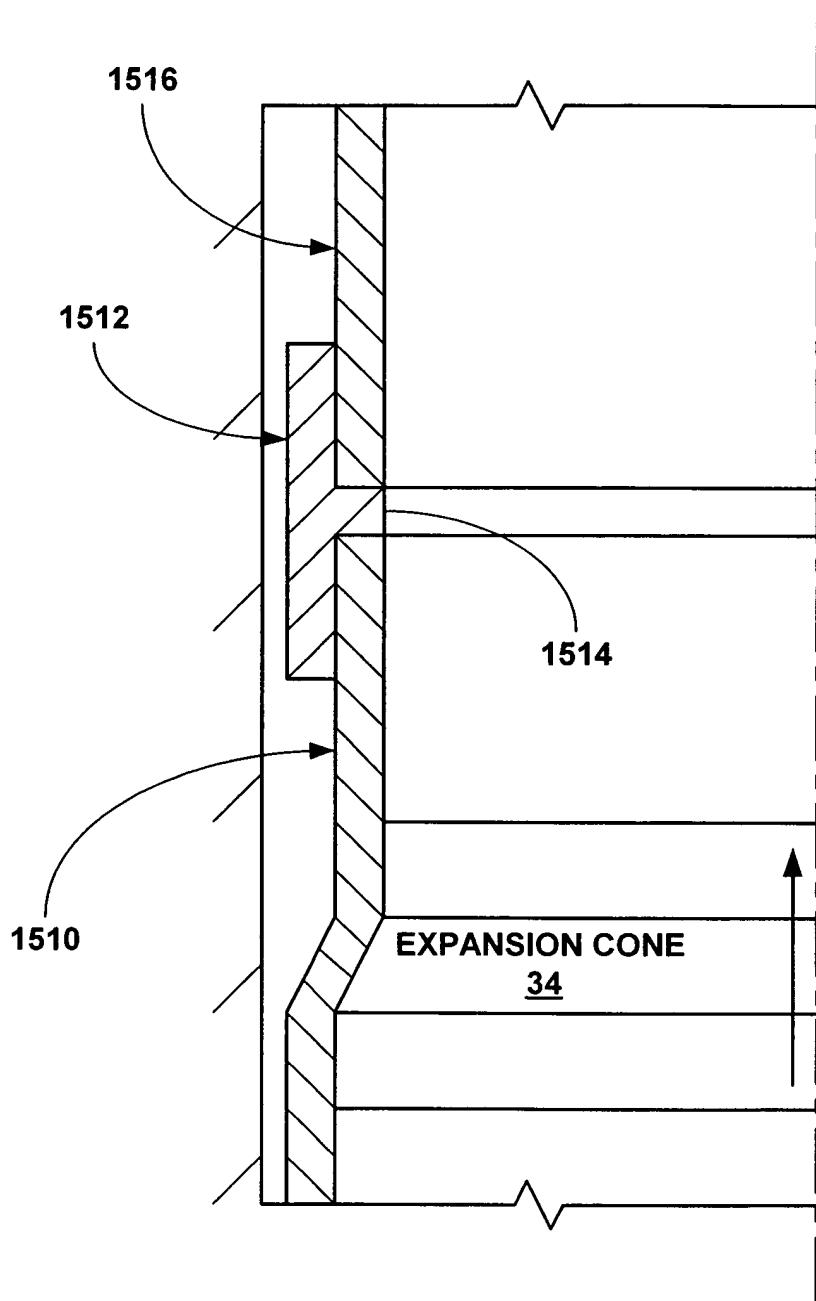


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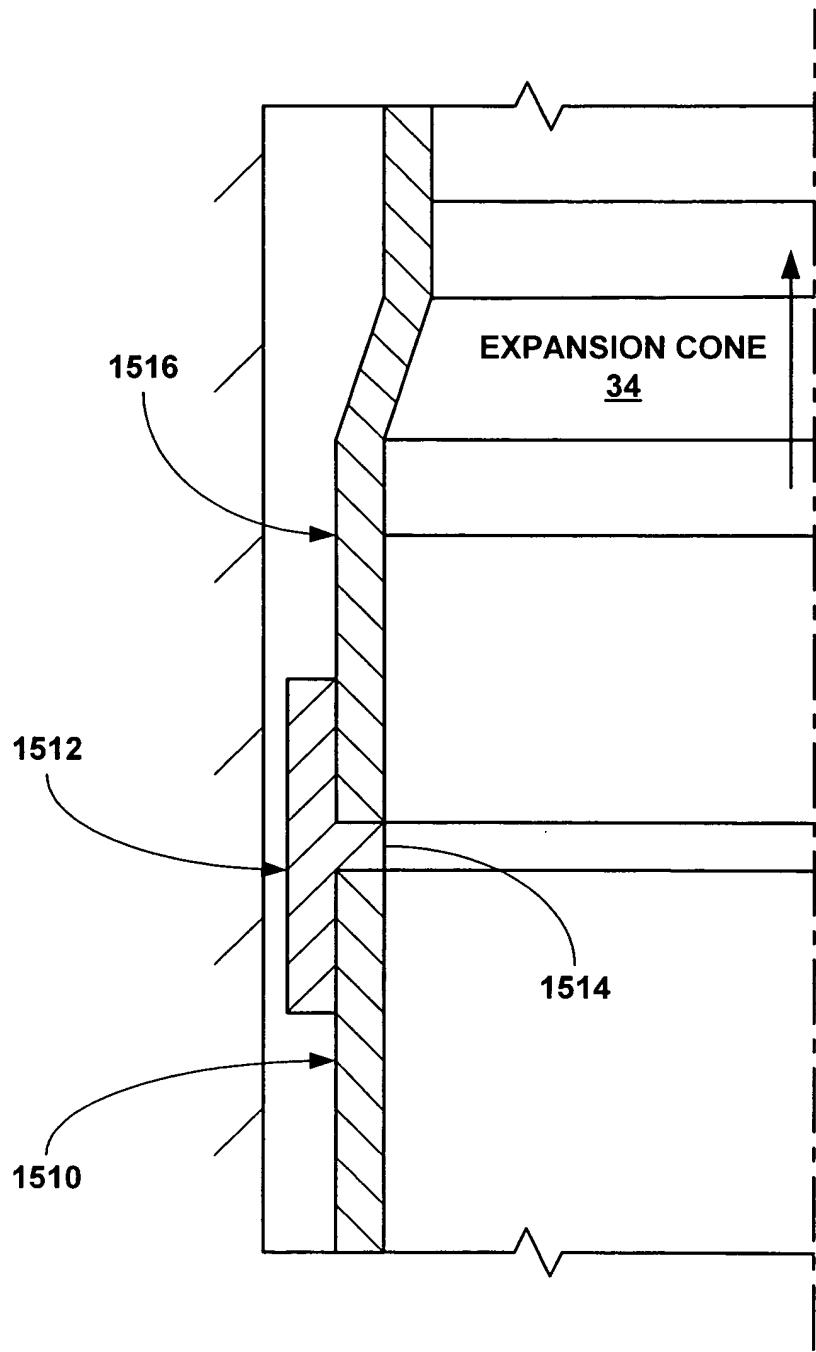


Fig. 13d

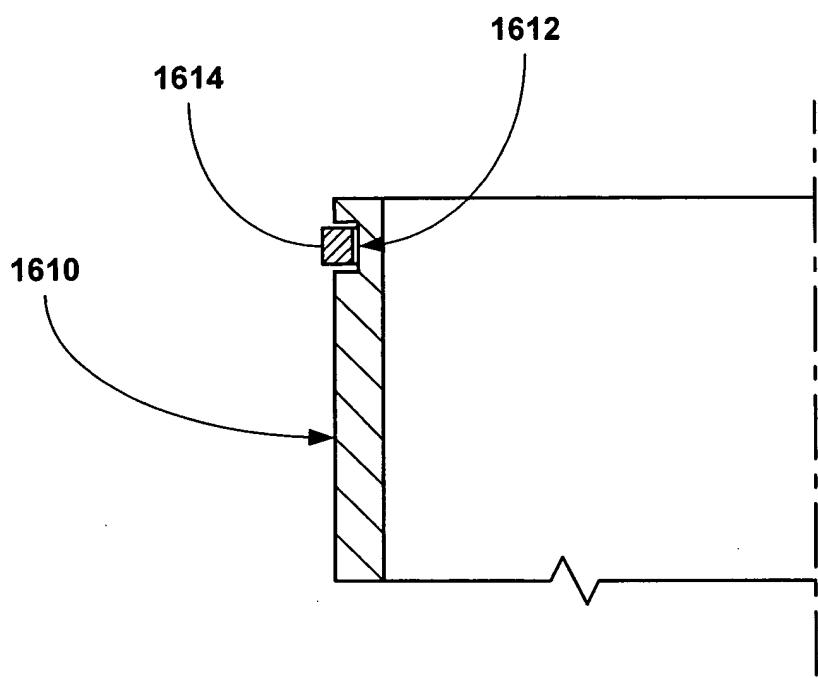


Fig. 14a

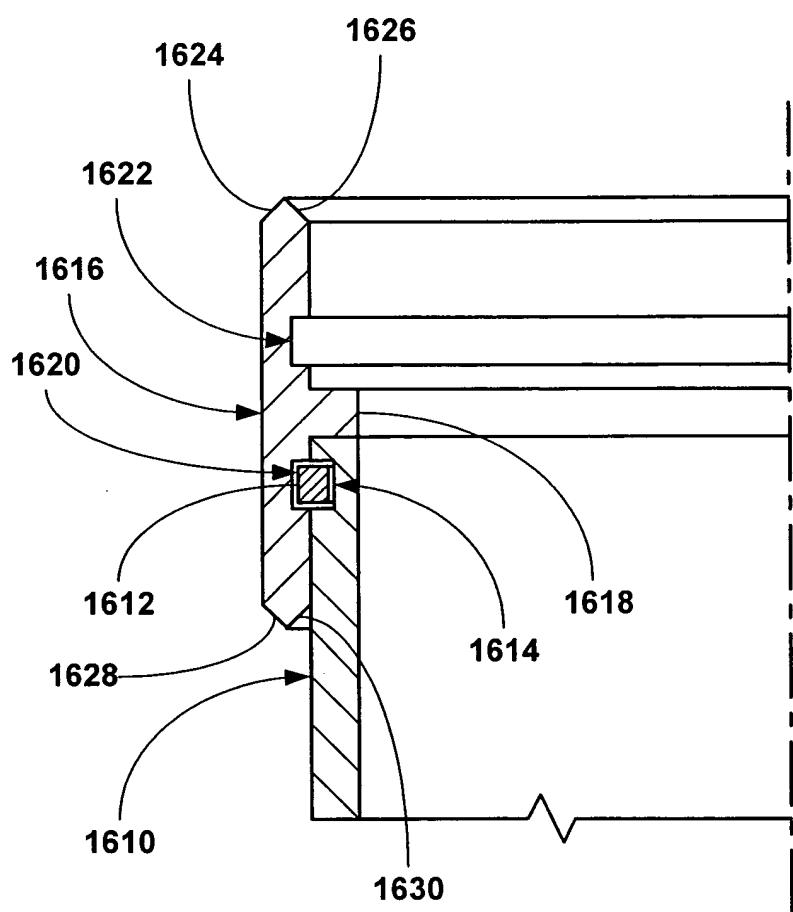


Fig. 14b

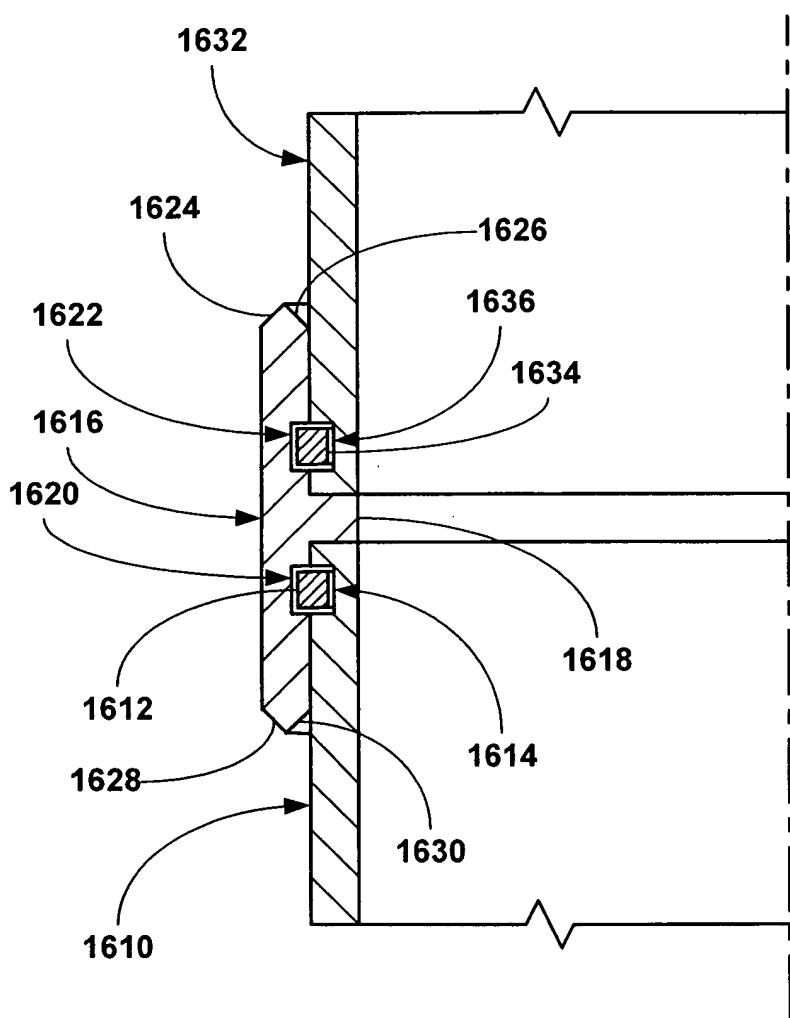


Fig. 14c

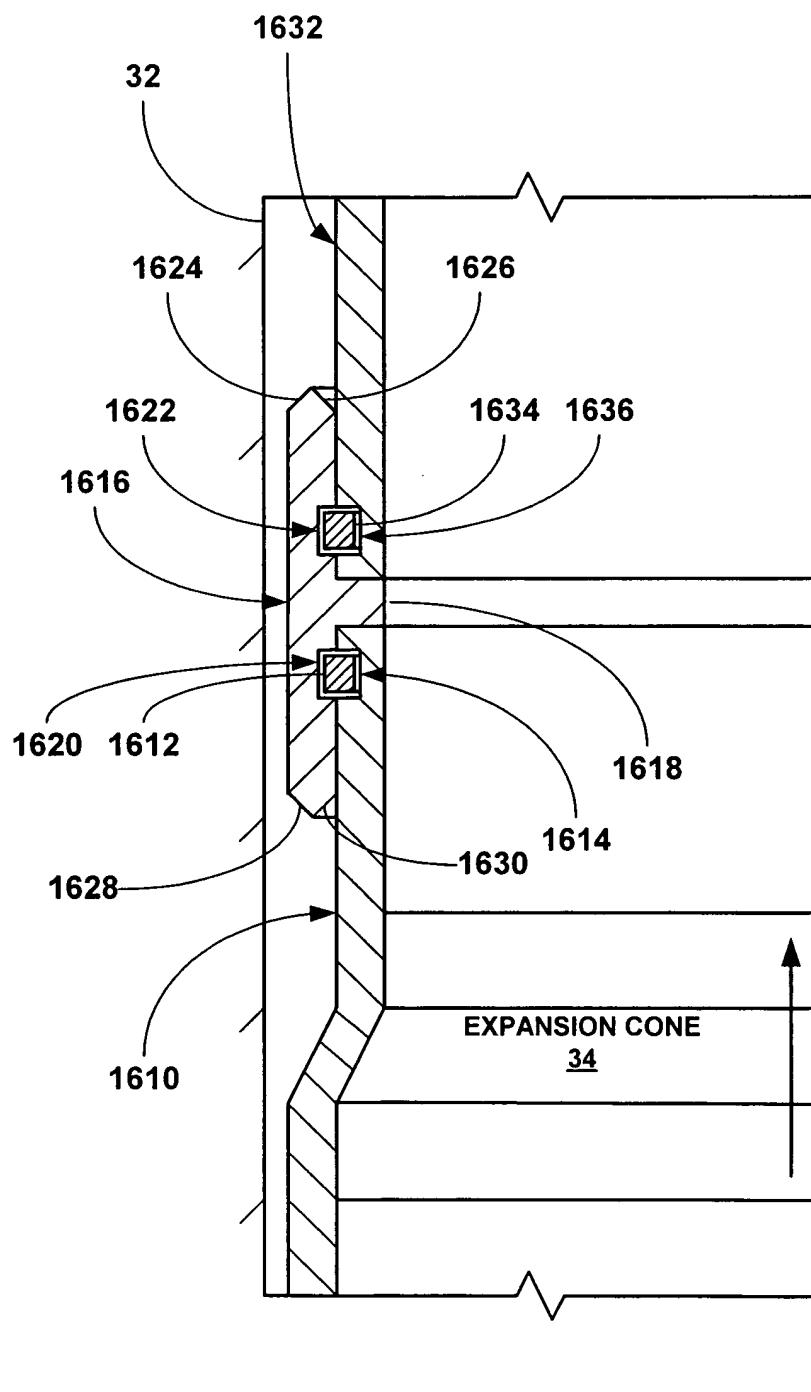


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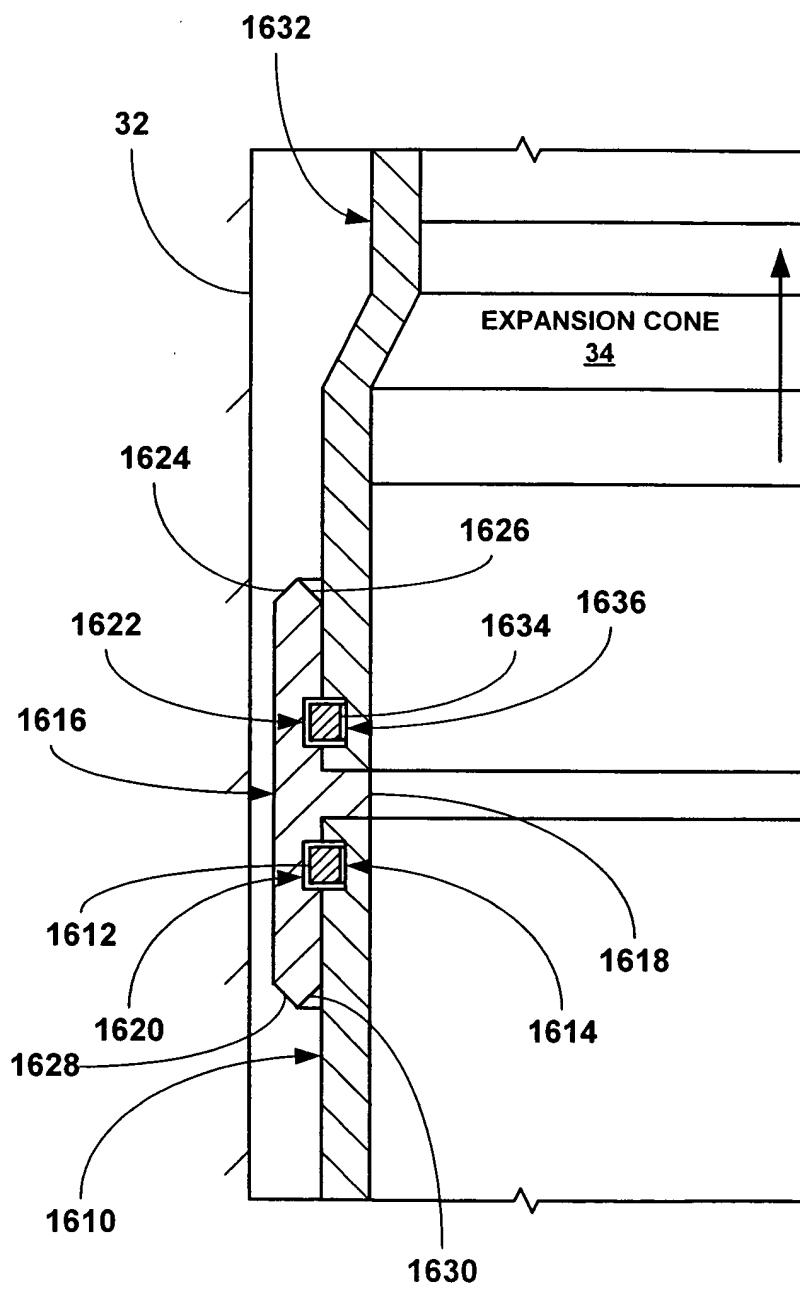
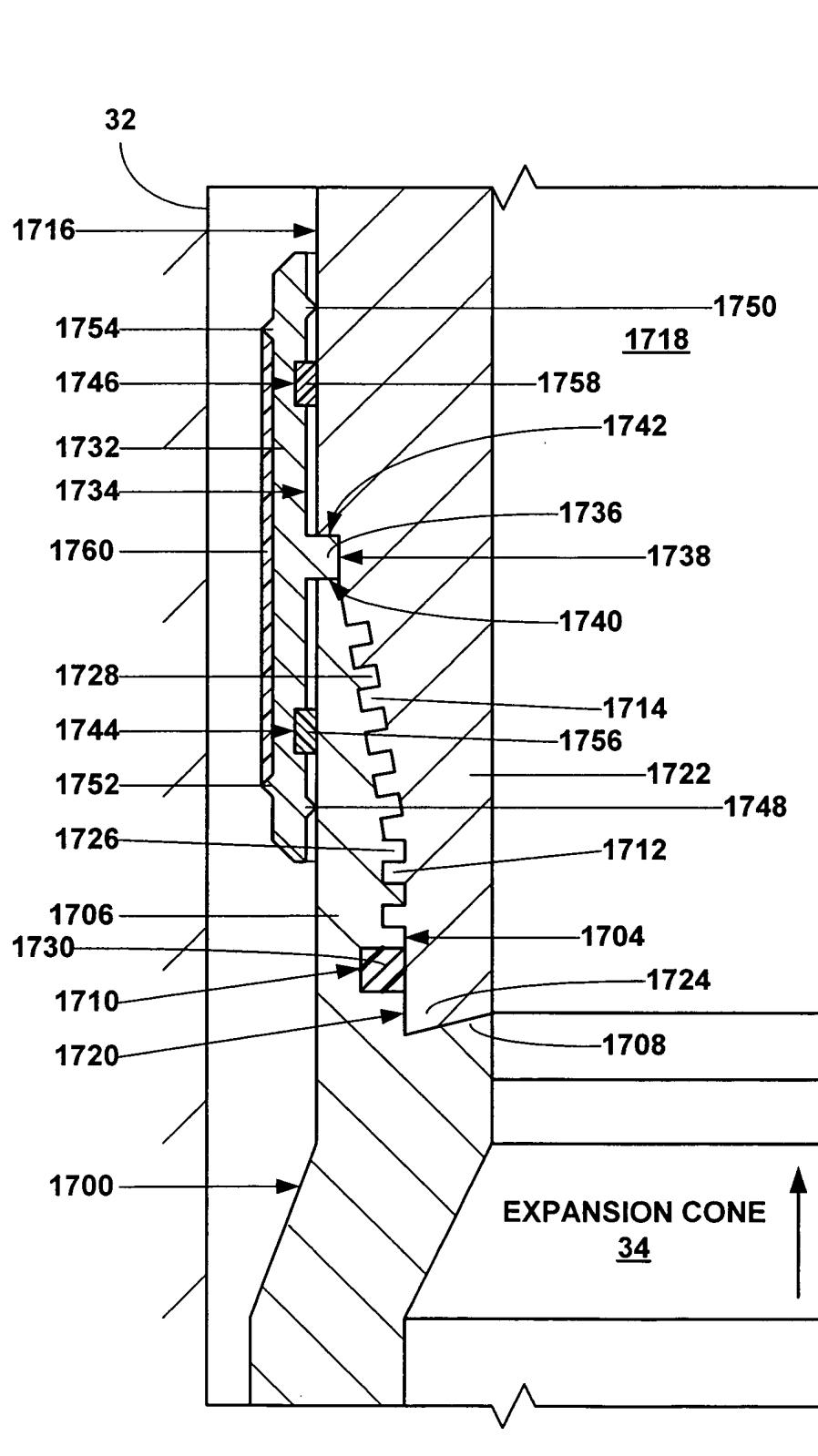


Fig. 14e



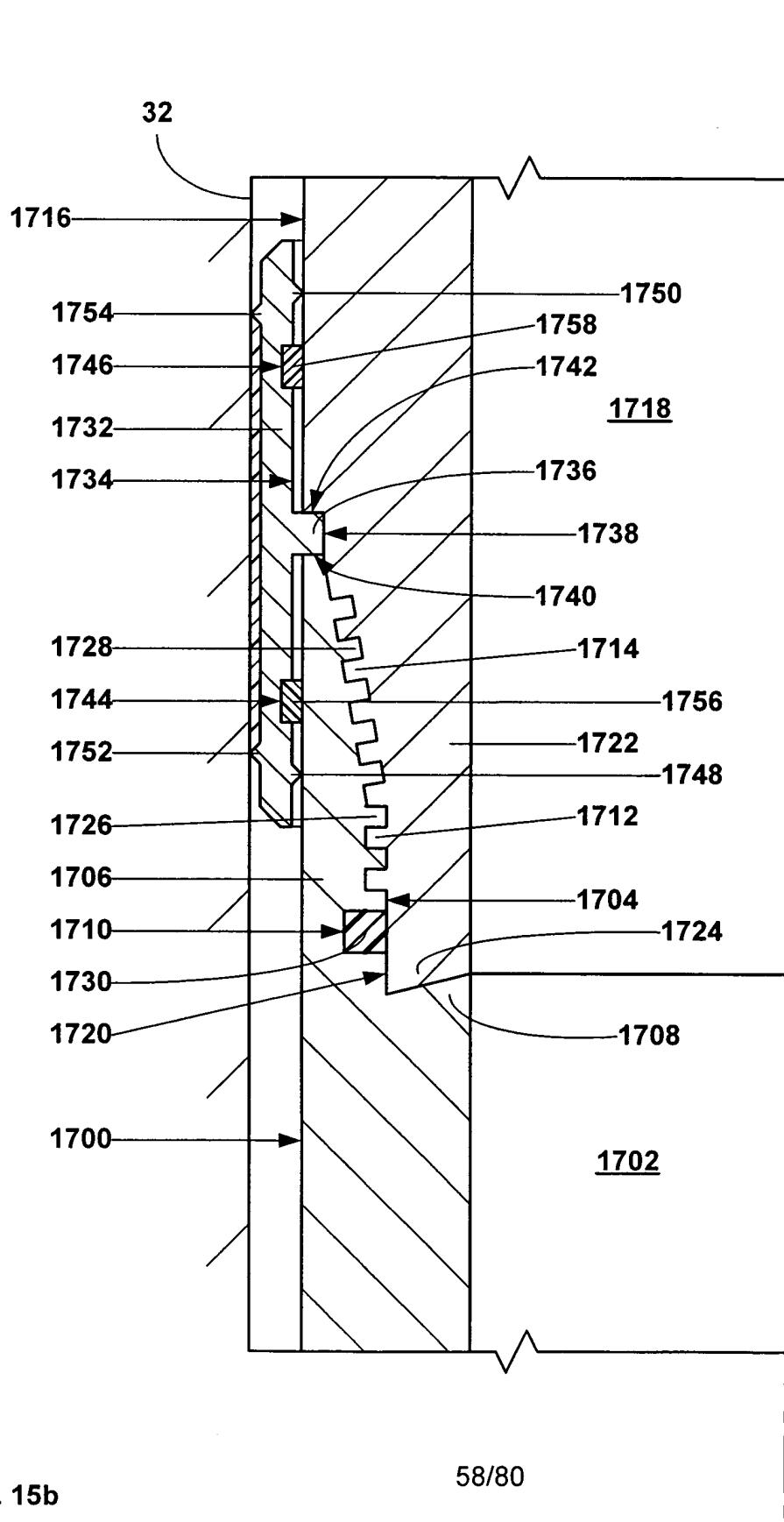
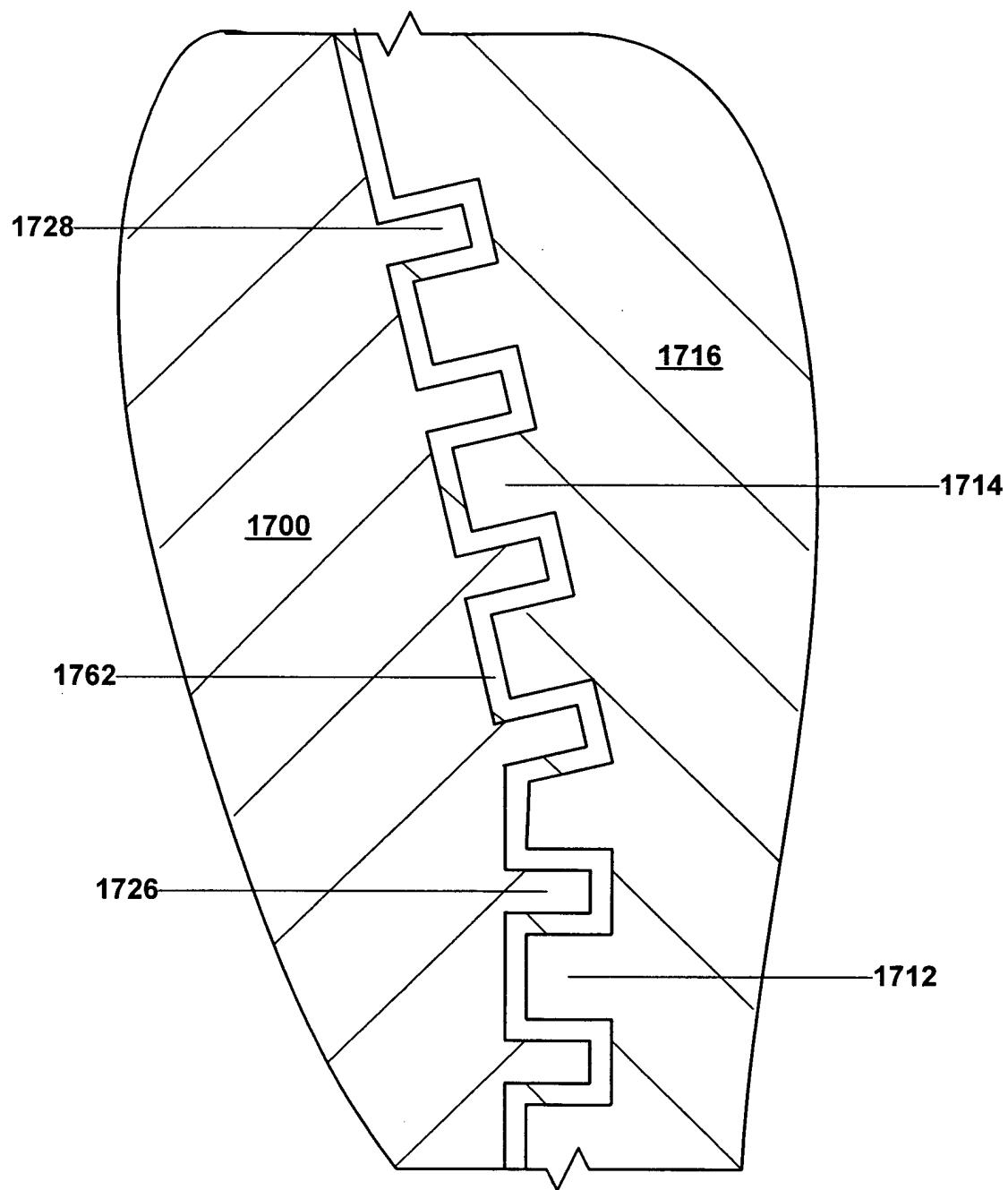


Fig. 15b

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Fig. 15c

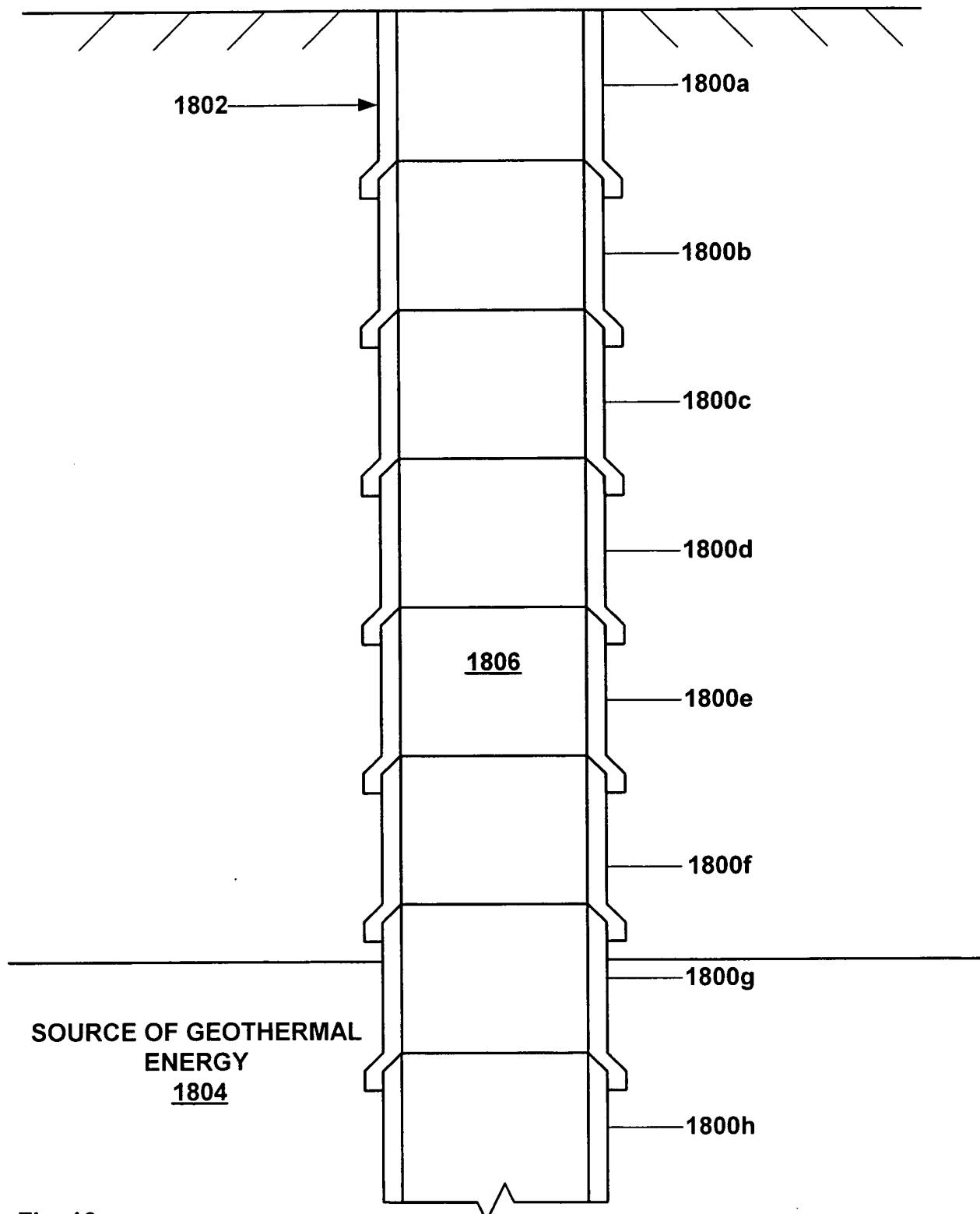


Fig. 16

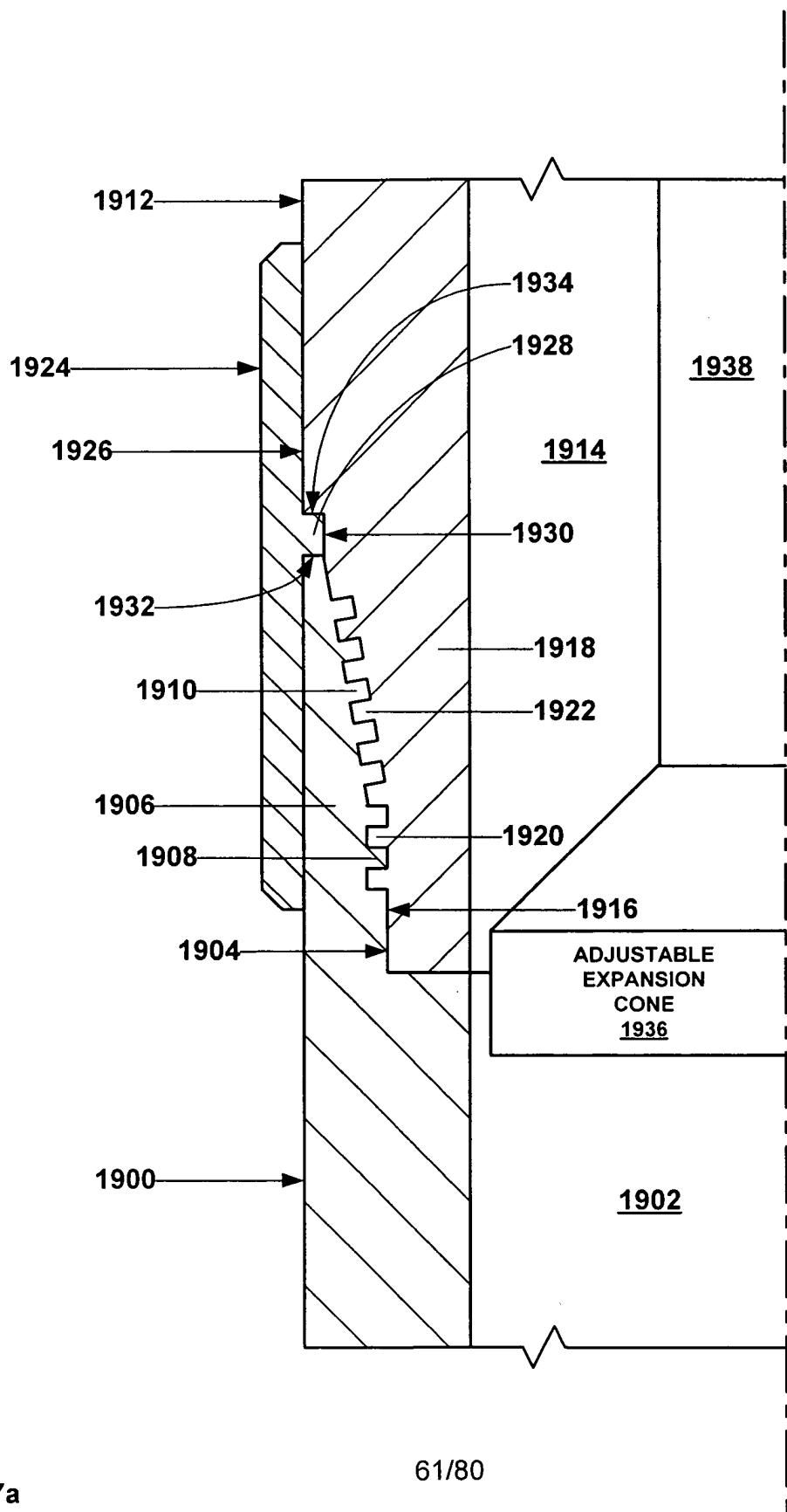


Fig. 17a

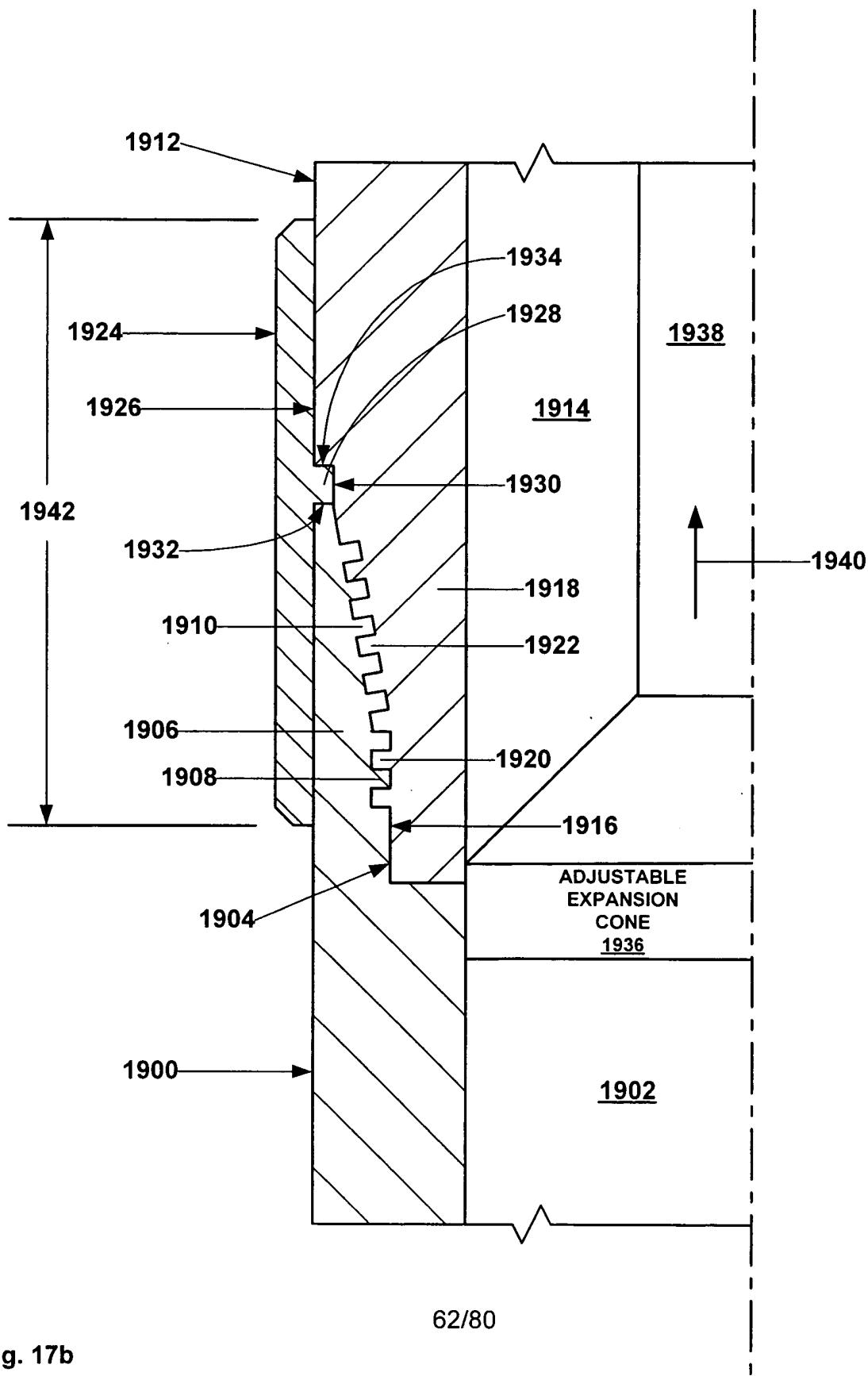


Fig. 17b

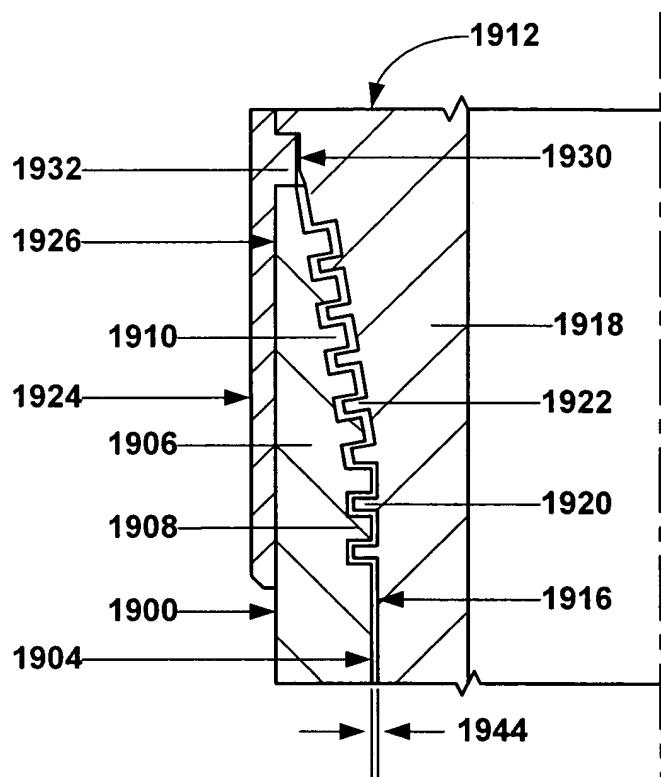


Fig. 17c

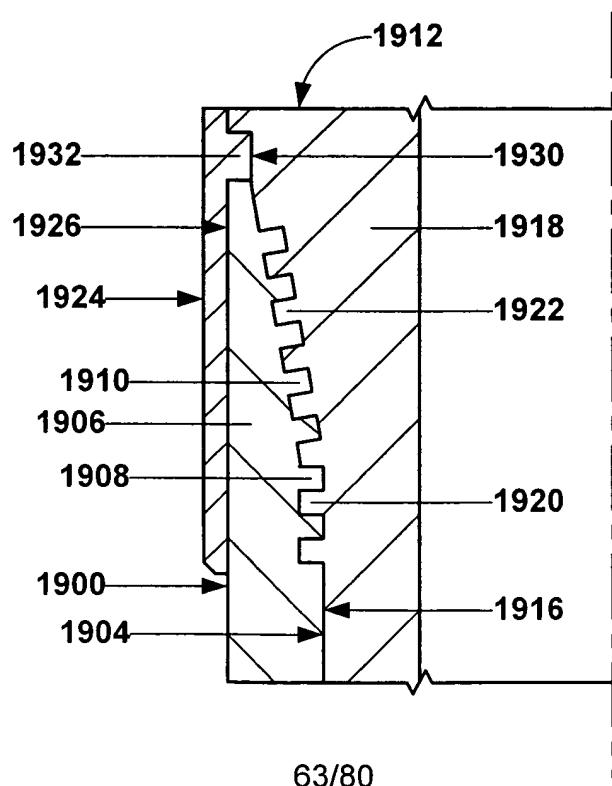


Fig. 17d

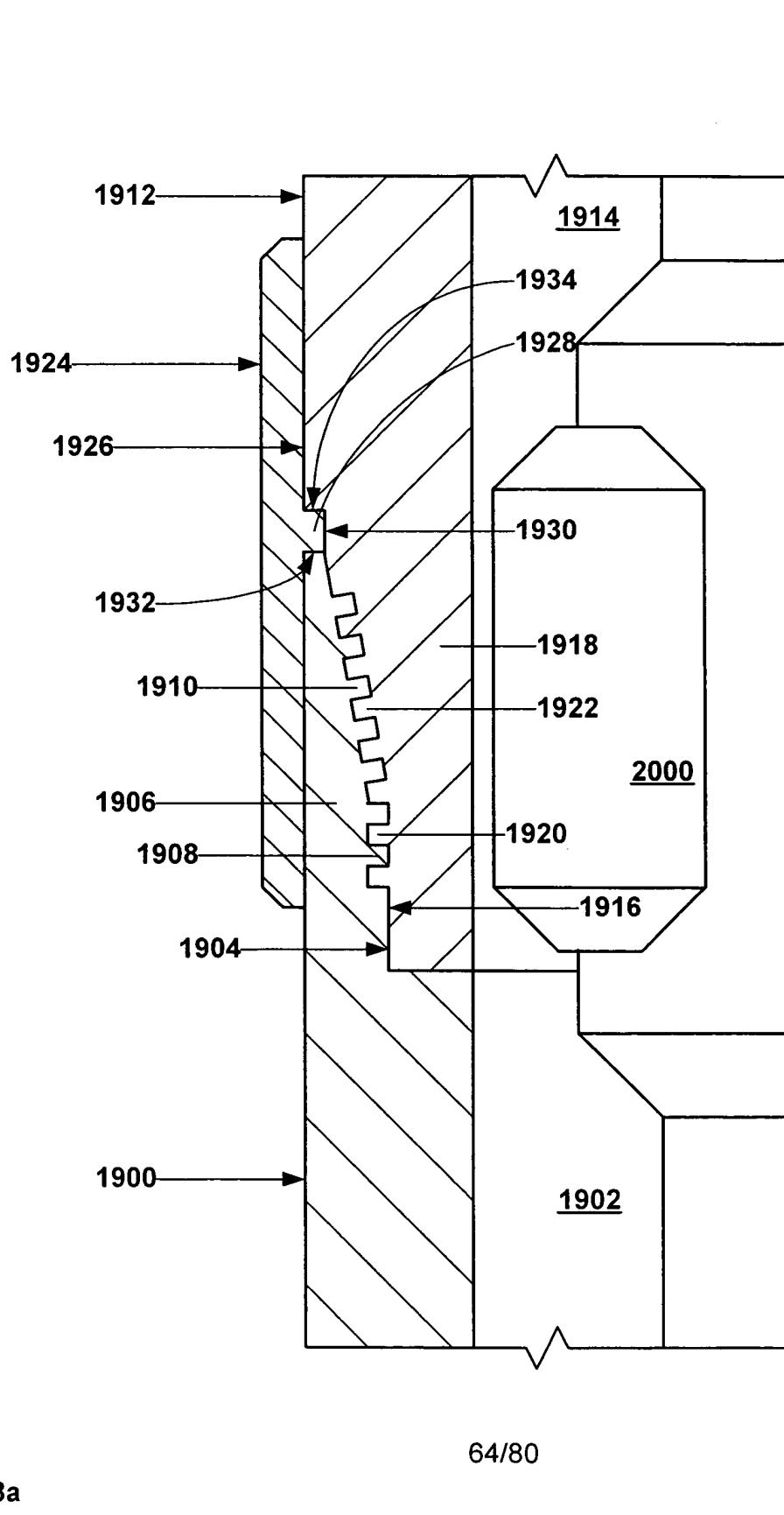
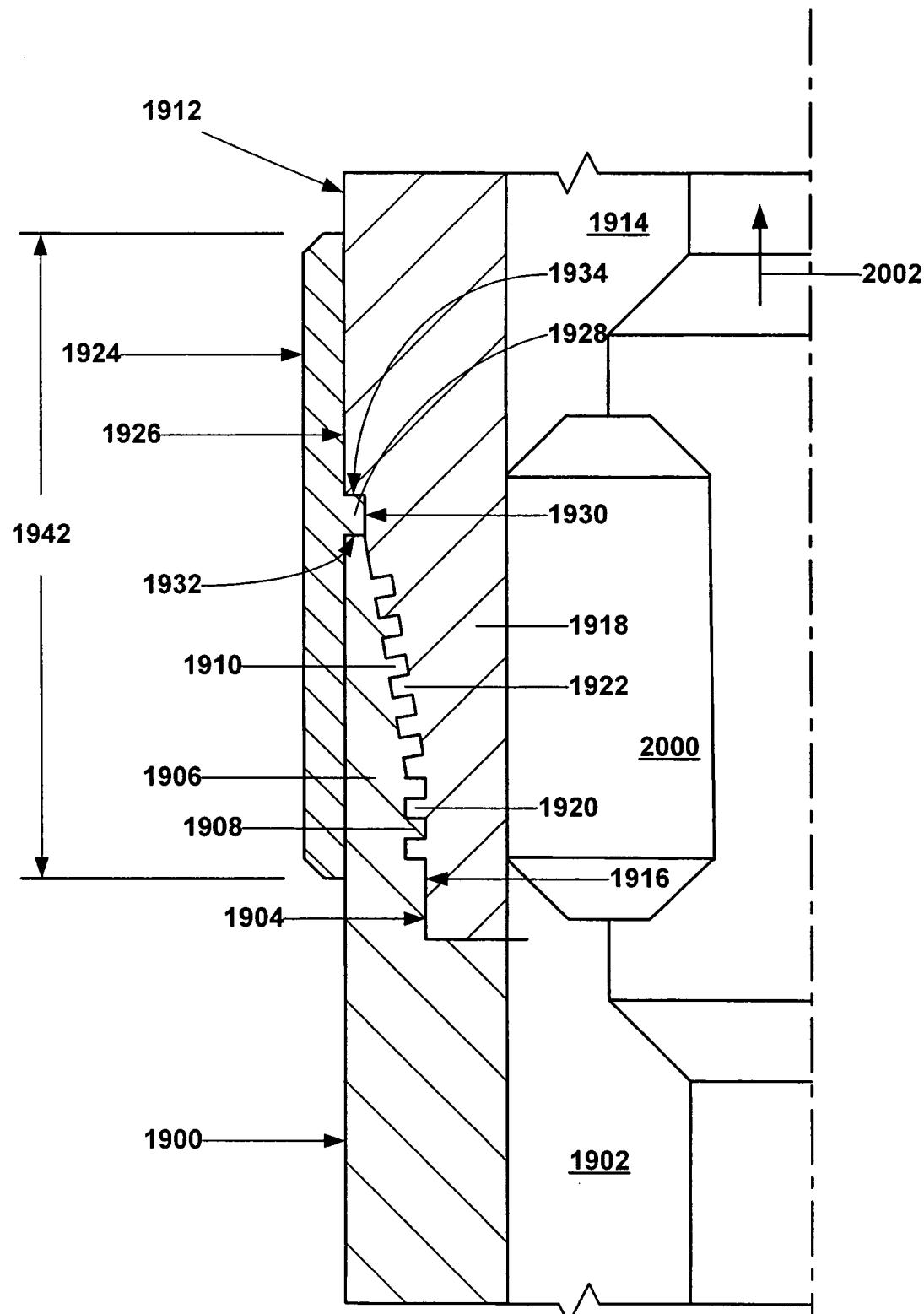


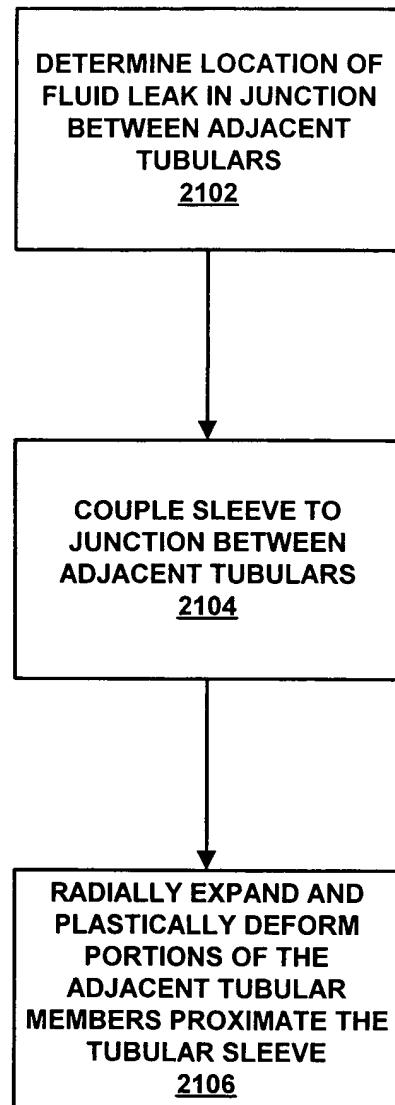
Fig. 18a



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Fig. 18b

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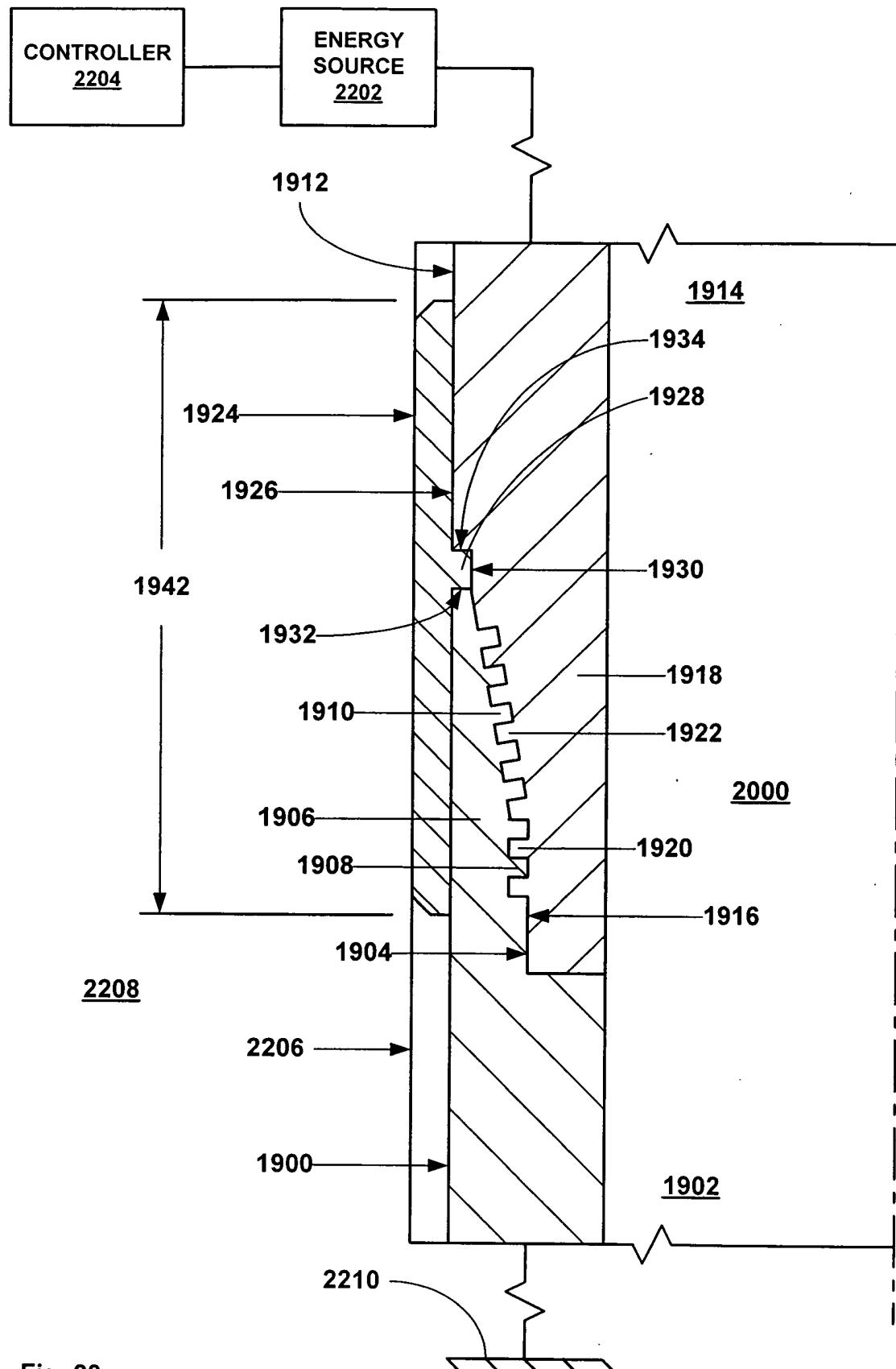
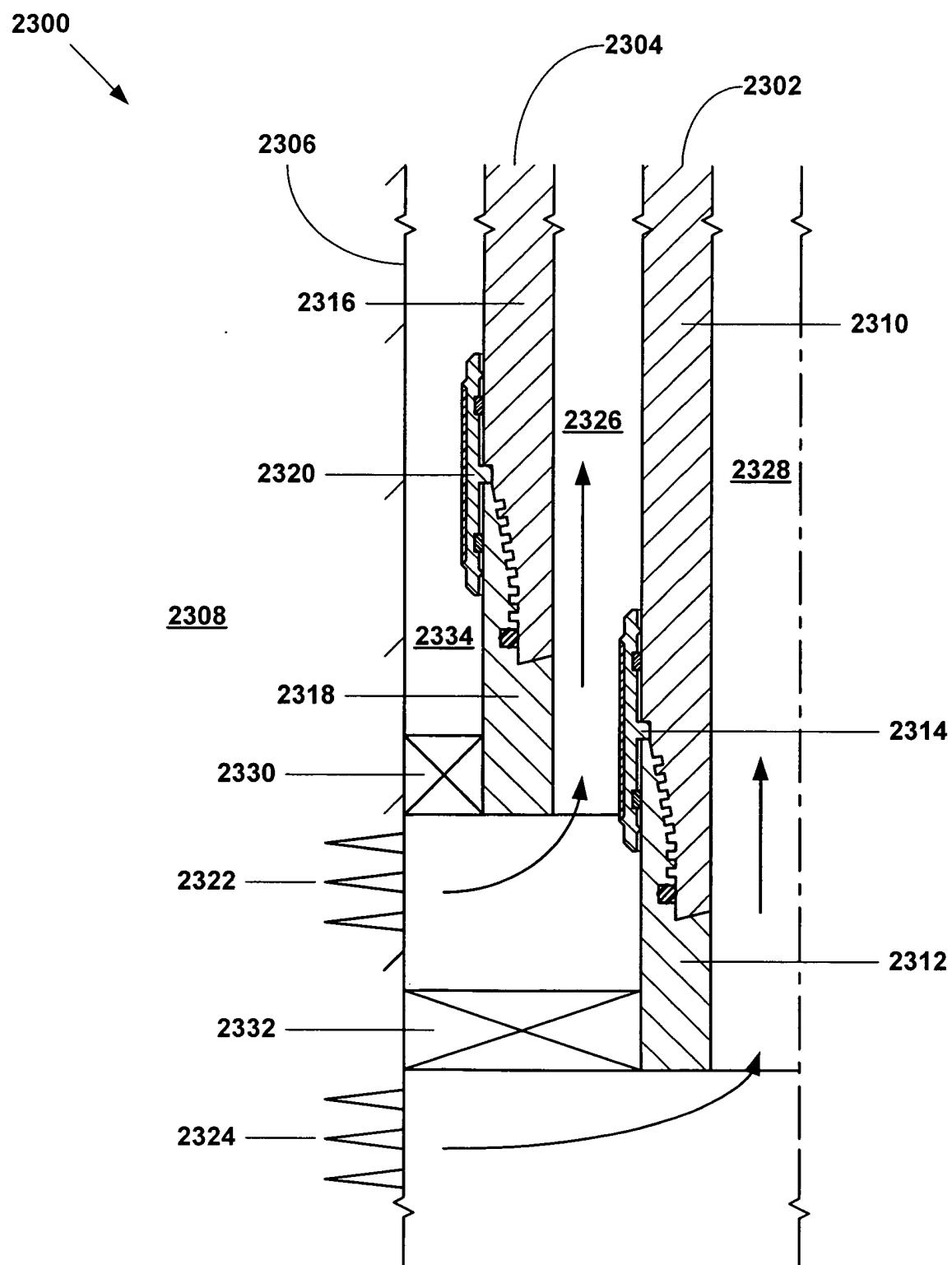


Fig. 20



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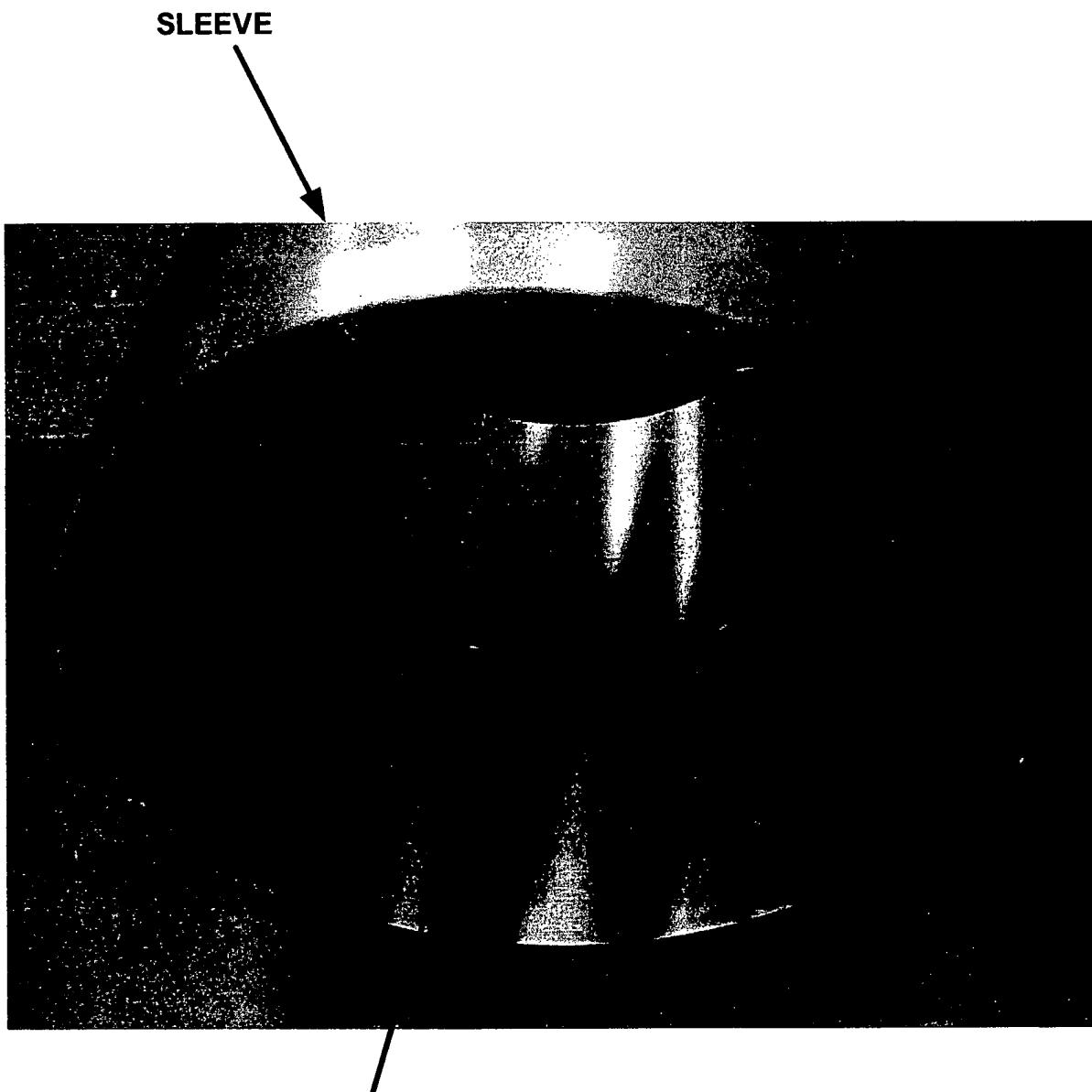
SLEEVES



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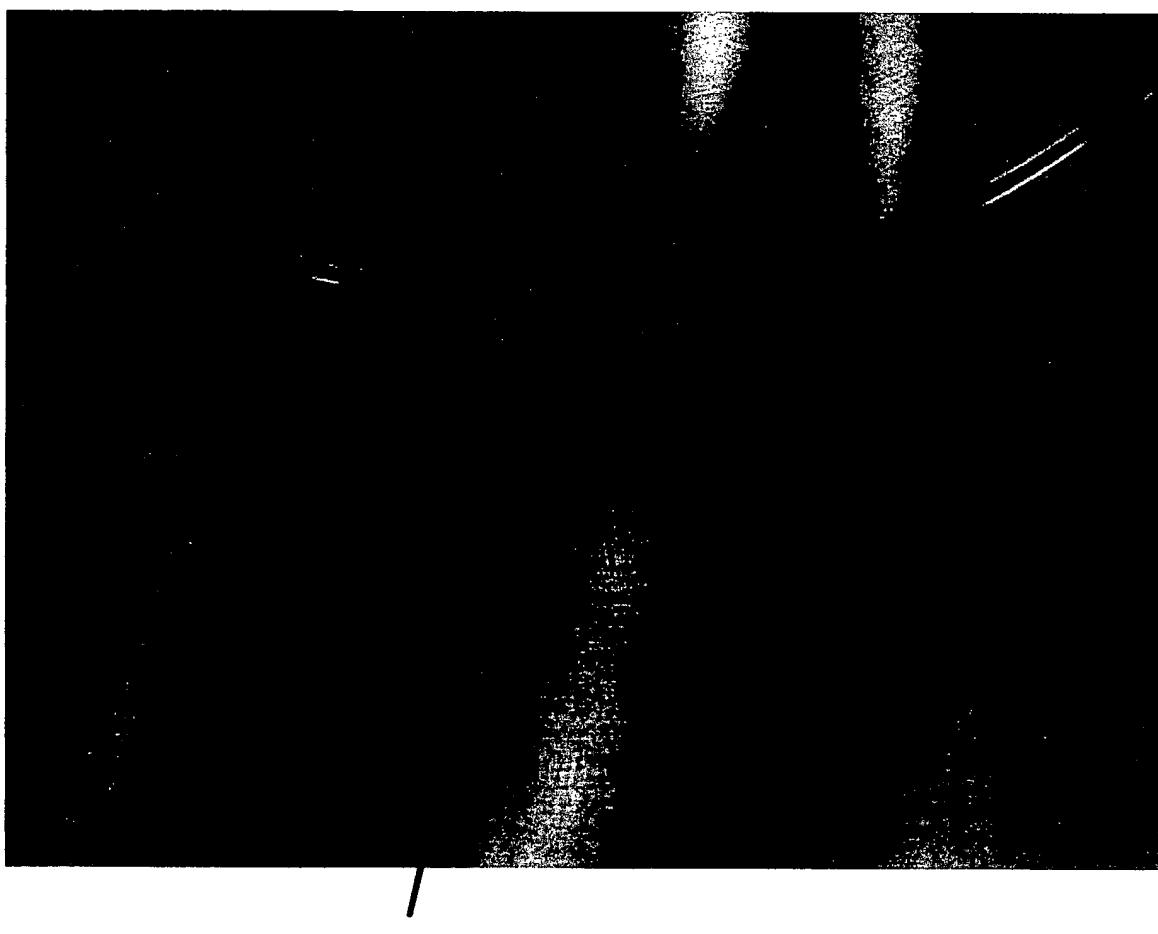


INTERNAL FLANGE

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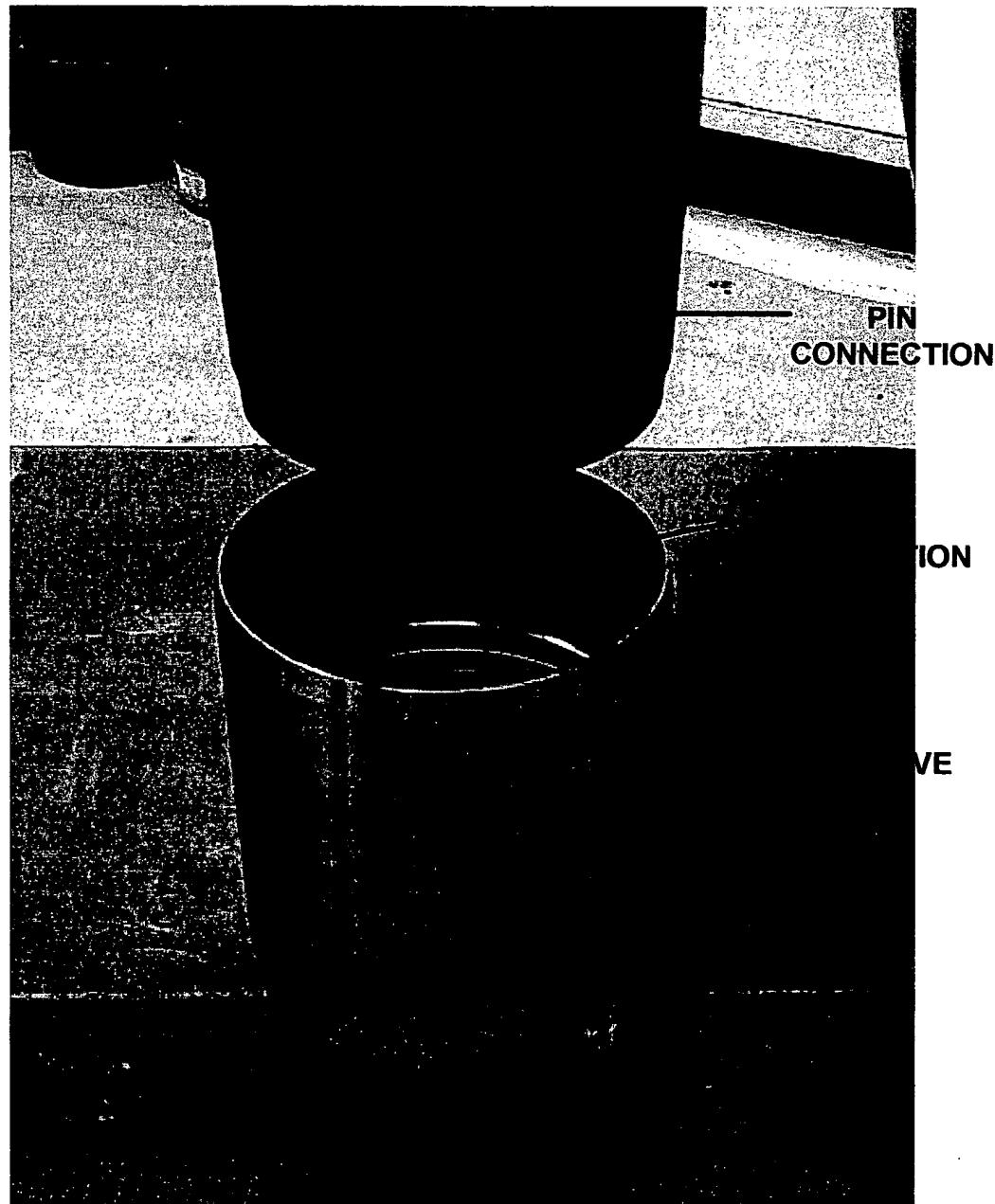


INTERNAL FLANGE

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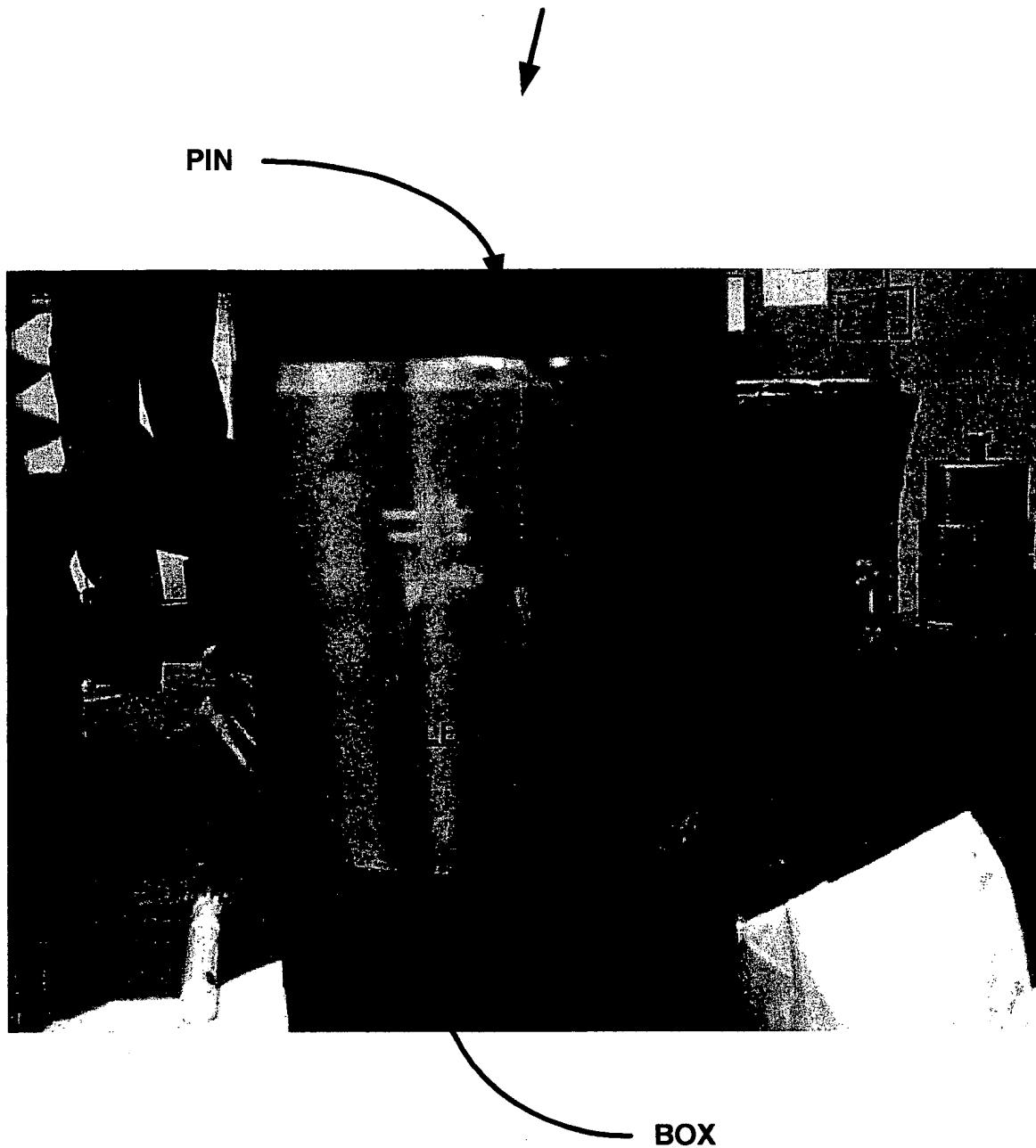


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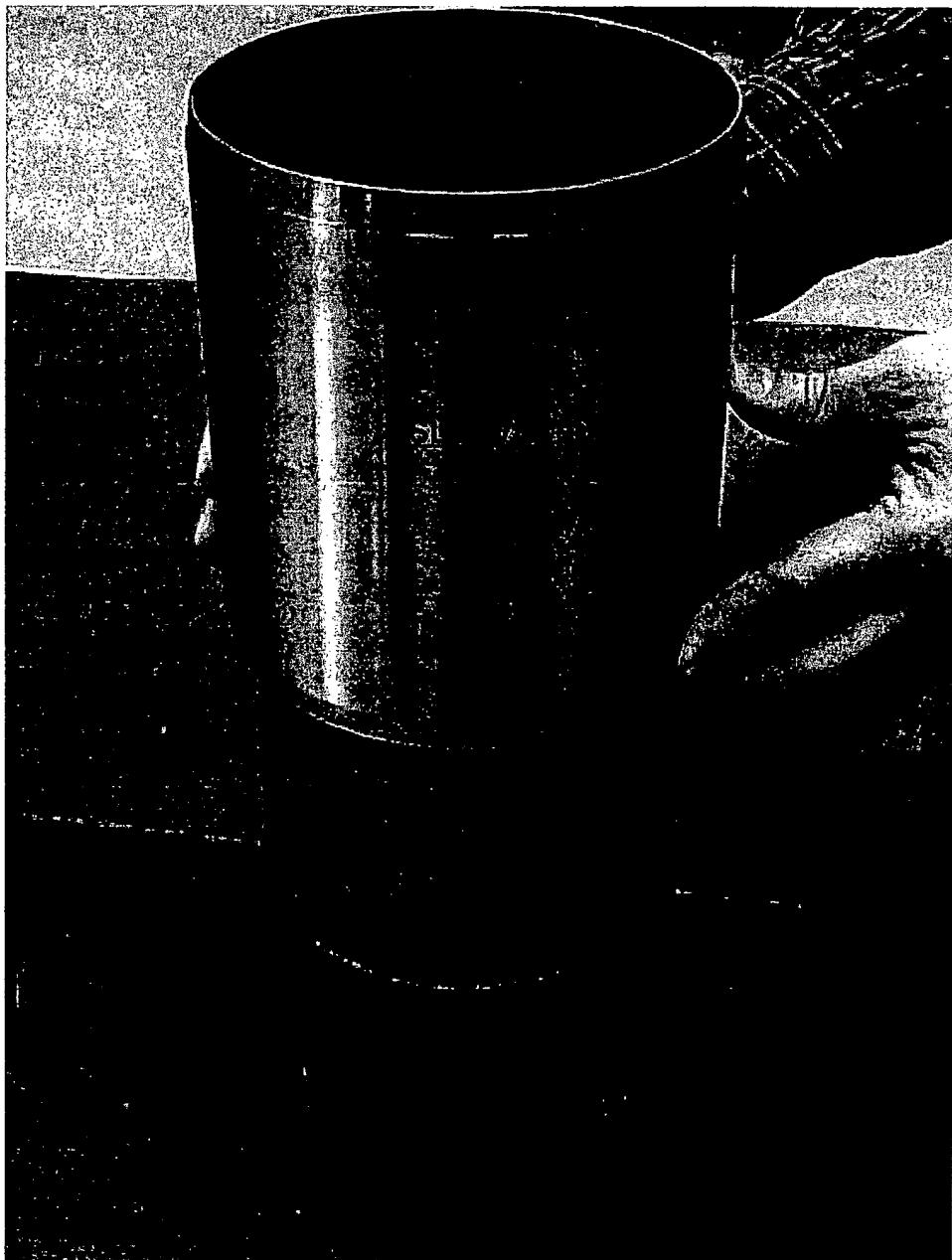
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**FULLY ASSEMBLED PIN AND BOX
THREADED CONNECTION WITH SLEEVE**



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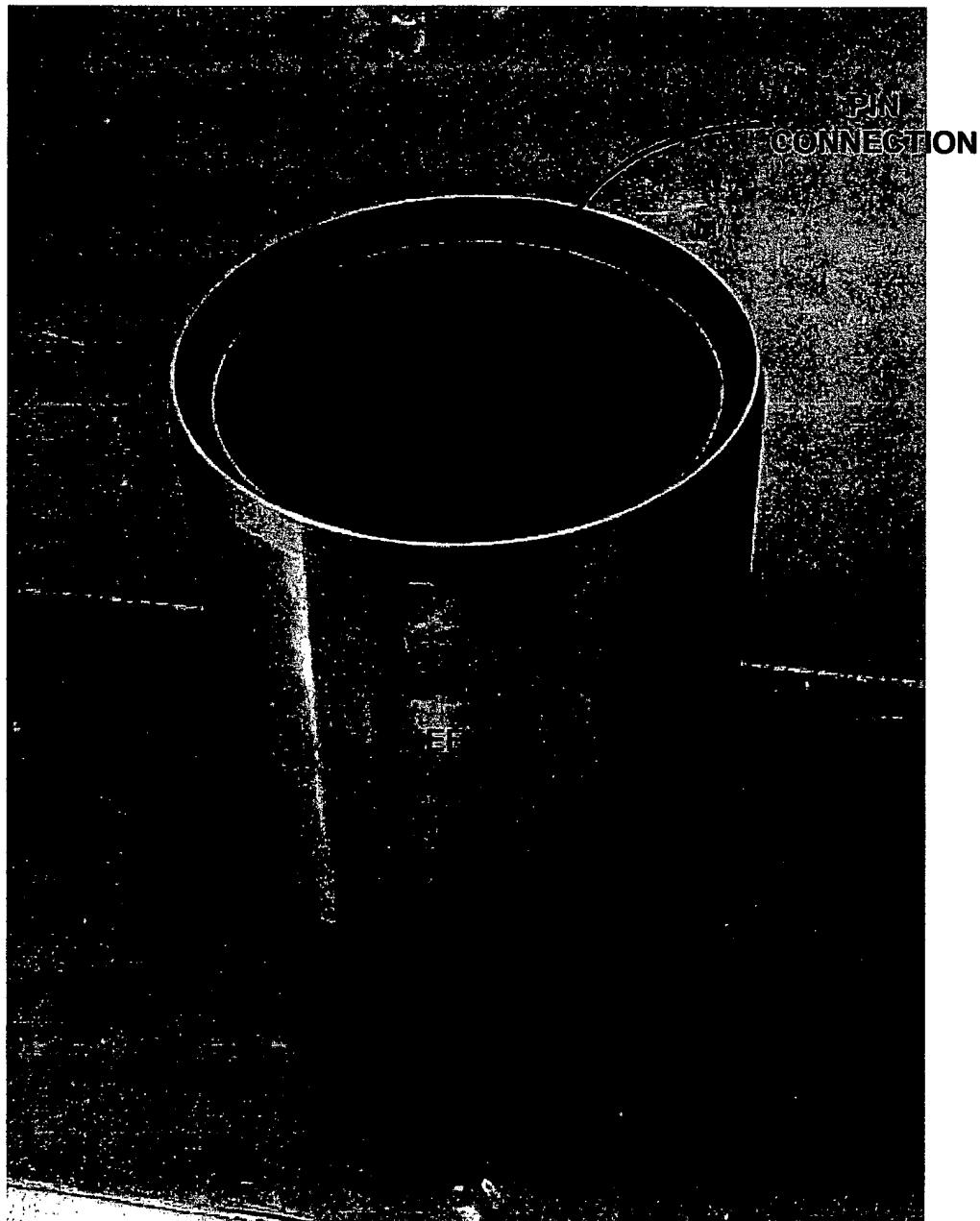


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PIN CONNECTION

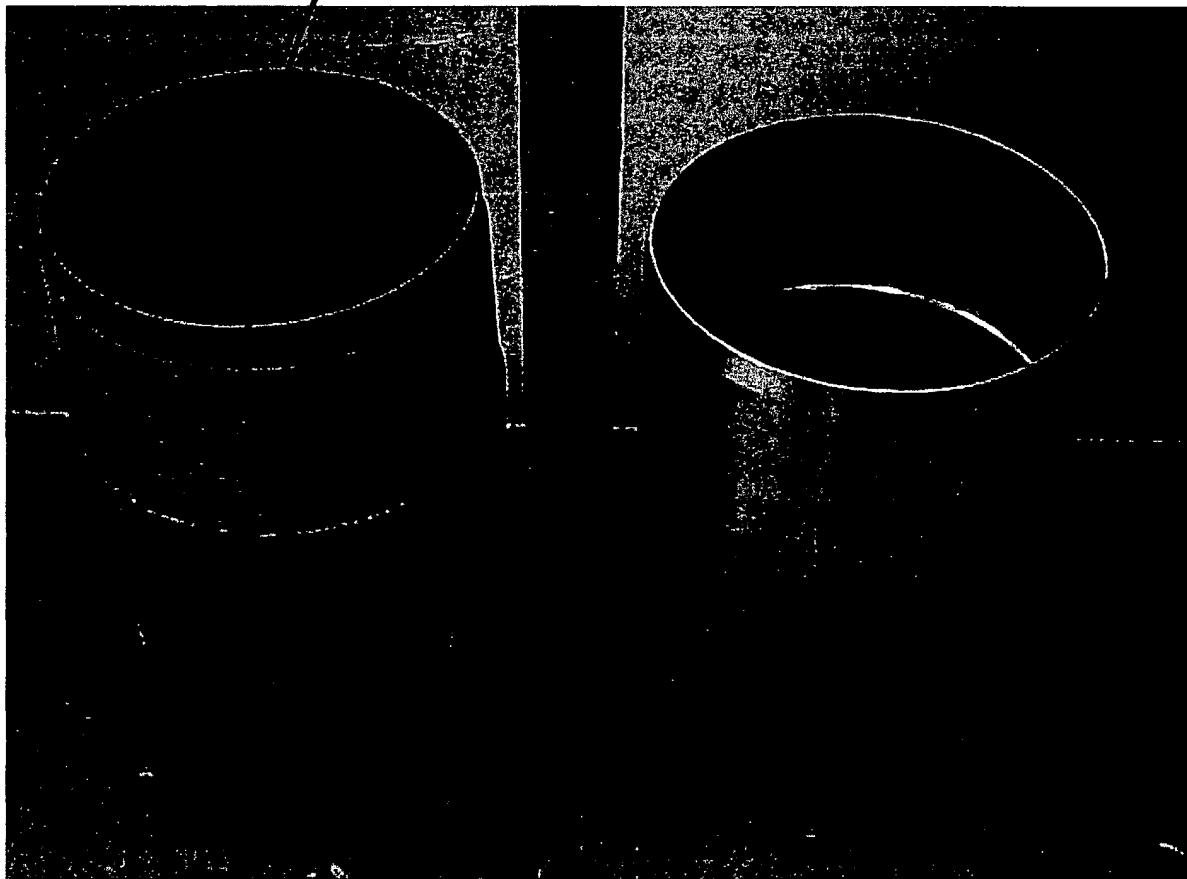


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PIN CONNECTION

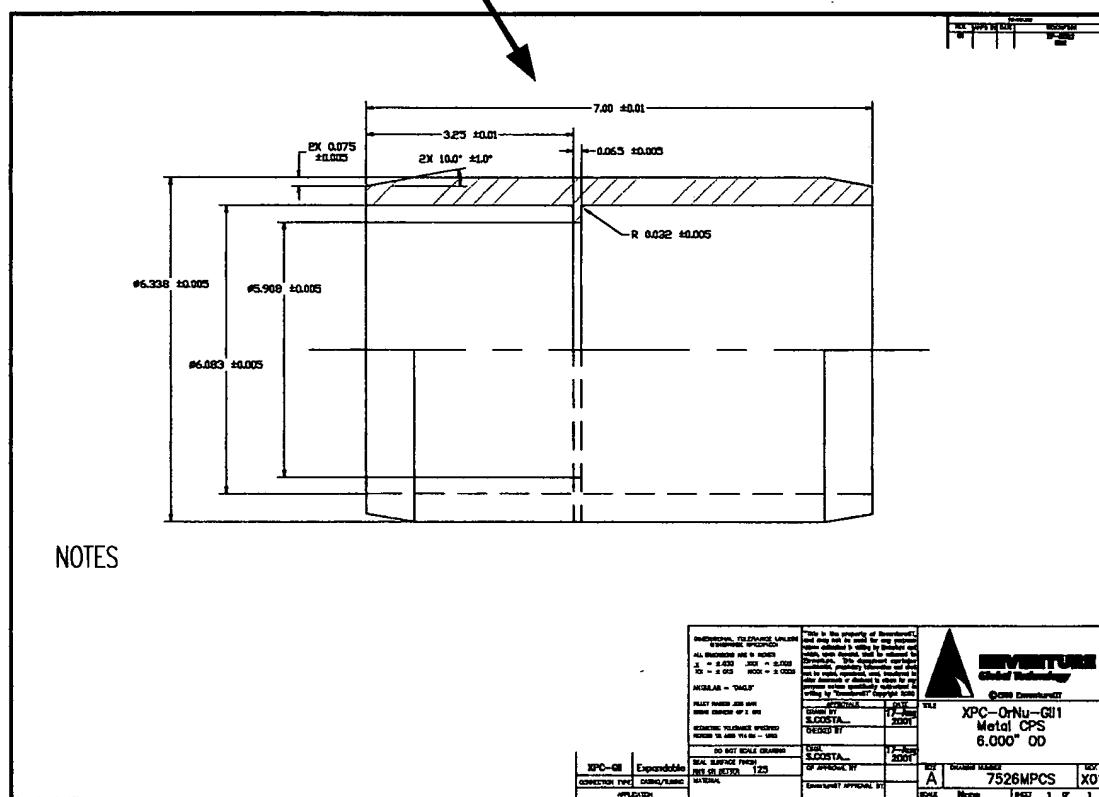


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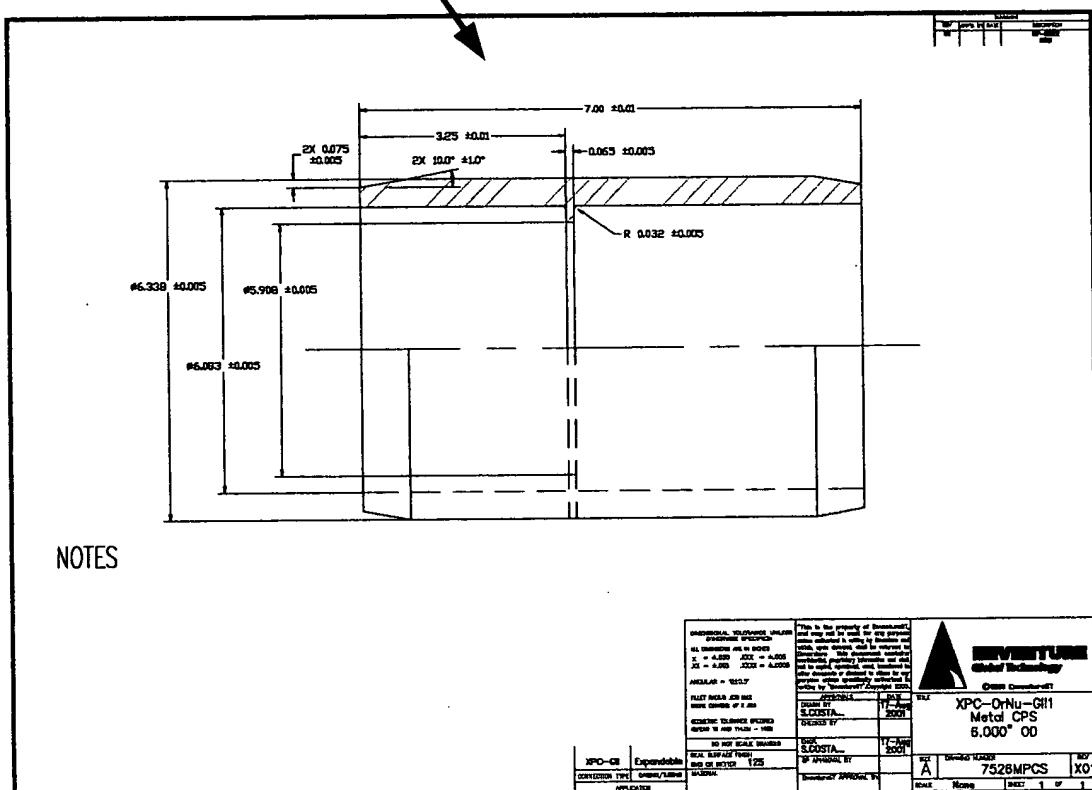


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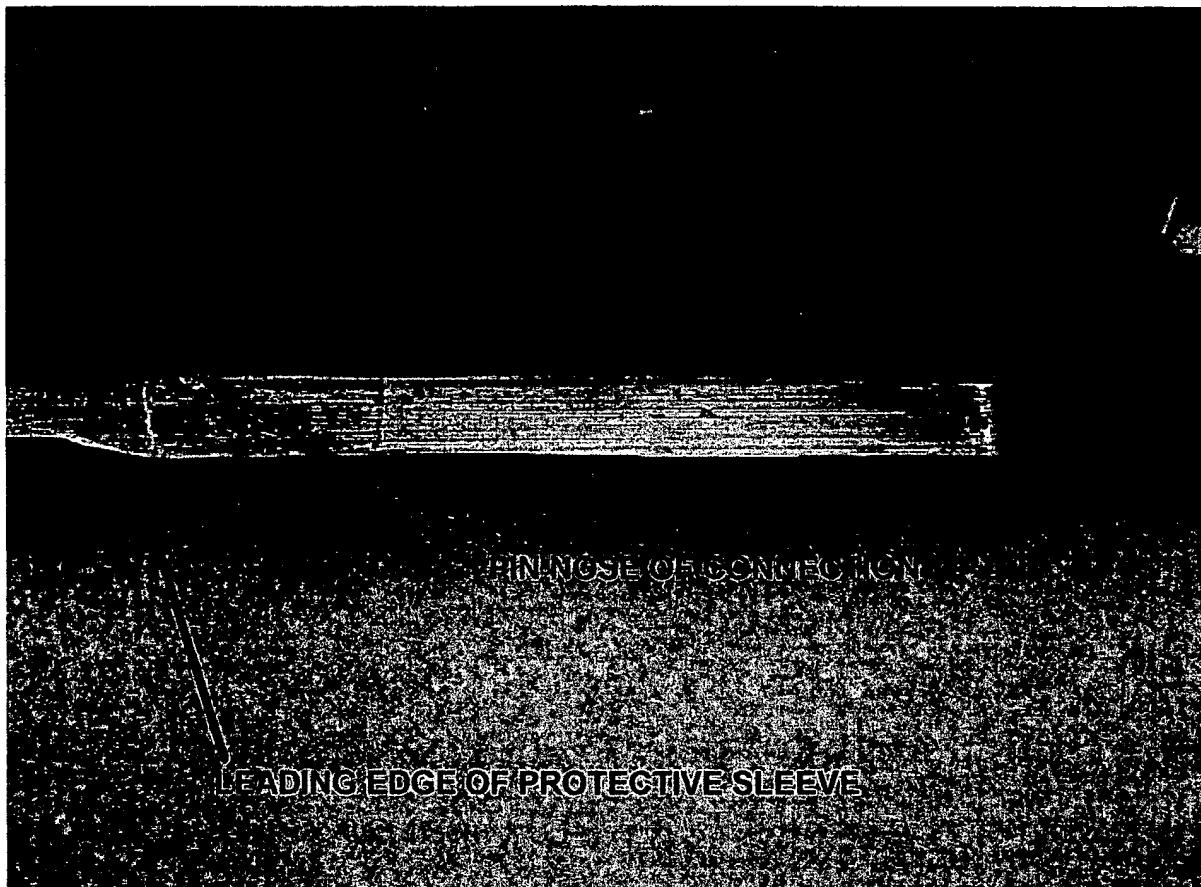


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CROSS SECTIONAL VIEW OF THREADED CONNECTION AFTER RADIAL EXPANSION WITH EXTERNAL PROTECTIVE SLEEVE



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